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WEST VIRGINIA, U. S. A.

ANNUAL REPORT

OF THE

Department of Mines

FOR THE FISCAL YEAR ENDING

JUNE 30, 1915

IN THREE SECTIONS

SECTION I.—Report to Governor.
Alphabetical List of Coal Companies.
Directory of Mines.
Coal and Coke Statistics.

SECTION II.—Accidents—Fatal, Non-Fatal and Minor.
Prosecutions.
Miscellaneous.

SECTION III.—Reports of District Mine Inspectors.

EARL A. HENRY
Chief of the Department of Mines
CHARLESTON

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LETTER OF TRANSMITTAL

DEPARTMENT OF MINES,
STATE OF WEST VIRGINIA.

To His Excellency,
HENRY DRURY HATFIELD,
Governor of West Virginia.

SIR:—In compliance with the mining laws of the State of West Virginia, as amended by the Legislature in Regular Session, 1915, I have the honor to submit herewith my Second Annual Report for the Department of Mines for the year ending June 30, 1915, this being the Eleventh Report upon the condition of the coal mines within the State, as reported by the several District Inspectors.

Respectfully yours,
EARL A. HENRY,
Chief of Department of Mines.

Charleston, W. Va., December 31, 1915.

37692

PERSONNEL OF THE DEPARTMENT OF MINES

EARL A. HENRY,

Chief of the Department of Mines.

OFFICE EMPLOYEES.

J. L. Heizer, Kanawha County	Chief Clerk
Effie M. Carter, Kanawha County	Asst. Clerk
Edwina Wilkinson. Wood County	Stenographer
Levici E. Hatfield, Kanawha County	Stenographer
Nell Lewis, Kanawha County	Stenographer

DISTRICT INSPECTORS.

W. B. Riggleman	First District
Frank E. Parsons	Second District
L. D. Vaughn	Third District
W. B. Plaster	Fourth District
R. B. Cobb	Fifth District
Enoch Carver	Sixth District
Eli J. Mason	Seventh District
*R. Y. Muir	Eighth District
L. B. Holliday	Ninth District
Isaac Murray	Tenth District
Lawson Blenkinsopp	Eleventh District
‡E. C. Lambert	Twelfth District

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* Resigned and was succeeded October 1, 1914 by John I. Absalom.

‡ Resigned and was succeeded May 1, 1915 by P. P. Kerr.

FIRST SECTION

Report to Governor.
Alphabetical List of Coal Companies.
Directory of Mines.
Coal and Coke Statistics.

ANNUAL REPORT

To His Excellency,
HENRY DRURY HATFIELD,
Governor of West Virginia.

SIR:—The report herewith submitted is for the year ending June 30, 1915, being my Second Annual Report of the Department of Mines, and which embraces the Thirty-third Annual Report upon the conditions of the coal mines within this State.

There has been a depression in the business conditions throughout the State during the year, especially in regard to the mining and production of coal, which has resulted in a decrease under the year of 1914, in gross tons, and, owing to adverse conditions in connection with the manufacture of coke there has been a material reduction in net tons as follows:

	1915	1914	Decrease in tons	Decrease in per cent
COAL	64,118,677	65,783,088	1,664,411	2.5
COKE	1,103,004	1,957,401	854,397	77.5

The production of coal for the year covering this report has decreased 1,664,411 gross tons, as you will note from the figures above, showing the comparison of the last two fiscal years. The production was retarded during the entire year by the general depression in business conditions.

In view of the distance from the market in which West Virginia coals are necessarily sold and the consequent difficulty of transportation, the production clearly demonstrates the superior quality of the coal in this state, as compared with its more favored competitors in other states, as well as the energy, capability and efficiency that characterize the men who are engaged in the business, and plainly shows the alertness of the men interested in mining in West Virginia in continuously finding new markets to consume the coal, which is absolutely necessary, as but very little of the coal produced in West Virginia is consumed within its borders, which necessarily places the operating companies to great expense by way of demonstrating the products and finding foreign markets in which to dispose of the products.

INSPECTIONS.

During the year the twelve District Mine Inspectors have made 2,660 inspections and made official reports of same, which were forwarded to this office and are now on file.

The spirit of harmony and co-operation which has been manifested is commendable and argues well for the best interests of the operators and the persons employed in the mines in regard to their health and safety in procuring all the safeguards for both life and property, as far as is required by law.

The State is divided into twelve inspection districts and one inspector is assigned to each district, being held responsible for the condition of the mines in his district, in so far as his official duties as defined by law are concerned. It gives me pleasure to report that all of the inspectors have performed their duties in the most faithful manner during the year and it is, in a great measure, due to their faithful and efficient performance of duty that the gratifying results have been obtained, as is set forth in other parts of this report.

MINE FOREMAN AND FIRE BOSS EXAMINATIONS.

The series of examinations for the purpose of testing the qualifications, experience and fitness of the persons to be put in charge of mines as Mine Foremen and Fire Bosses have been held at various places throughout the State by a Board of Examiners, selected from among the twelve District Mine Inspectors, under the direction of the Chief of the Department of Mines and, in every case, the Inspector in whose district the examination was being held was a member of the Board.

The mining law of this State requires that competent men shall be appointed as Mine Foremen and Fire Bosses. A standard of competency has been established by which the persons who occupy these positions are judged as to their qualifications, experience, ability and fitness to fill said positions and to meet with the requirements of the law. The Department of Mines being charged with the enforcement of the mining law, decided that it should be the authority to determine this standard of competency. Therefore, a Board of Examiners was appointed to formulate questions and hold examinations, at which applicants could demonstrate their ability and fitness to hold the desired positions.

In all cases where persons have succeeded in making grades for certificates and the applicants are found to be incompetent or negligent and fail to perform their duties in a proper manner, the certificates are revoked and the companies notified of the action of the Department and they are requested to appoint certified persons, who can and will properly discharge their duties.

During the fiscal year ending June 30, 1915, there were five examinations held in this state, at which 476 applicants were examined; 155 at Welch, September 15th and 16th; 33 at Logan, September 22nd and 23rd; 56 at Mt. Hope, September 29th and 30th; 97 at Charleston, October 6th and 7th; and 135 at Grafton, October 13th and 14th. Of this number 137 received First Class, 222 Second Class and 19 Fire Boss certificates.

Since the beginning of this system of examinations for Mine Foremen and Fire Bosses early in March, 1910, up to and including June 30th, 1915, a total of 4,002 men have been examined, 2,369 of whom have been successful as follows:

994	First Class Certificates
1275	Second Class Certificates
100	Fire Boss Certificates.

RESIGNATIONS AND APPOINTMENTS.

There have been two resignations during the year ending June 30, 1915, and two appointments necessary, and the personnel of this Department is given elsewhere in this report.

PRODUCTION OF COAL AND COKE.

From 850 producing mines operated by 442 firms, together with the small country mines, the coal produced during the fiscal year ending June 30, 1915, was 64,118,677 gross tons, a decrease of 1,664,411 gross tons, or 2.5 per cent. under the year ending June 30, 1914.

The coke manufactured was 1,103,004 net tons, a decrease as compared with the preceding year of 854,397 net tons, or 77.5 per cent. The operating companies, as a general rule throughout the State, have found the manufacture of coke a very difficult proposition on account of procuring labor for this class of work. Another matter to be taken into consideration is the general market price for coke, which is being manufactured cheaper in our larger cities than can be done at the mines, making the operation of this industry very unprofitable.

Total value of coal produced was (64,118,677 G. T.)	$ 62,195,116.69
Value of coal used in operating mines (1,738,006 G. T.)	1,336,665.82
Value of coal sold local trade and tenants (966,819 G. T.)	937,814.43
Value of coal used in coke ovens was (1,597,768 G. T.)	1,549,834.96
Value of coal shipped from the mines (59,876,084 G. T.)	57,079,801.48
Value of coal mined by small country mines (300,000 G. T.)	291,000.00
Total	$ 62,195,116.69
TOTAL VALUE OF COAL SOLD (61,142,823 G. T.)	59,308,538.31
TOTAL VALUE OF COKE PRODUCED (1,103,004 N. T.)	2,095,707.60
TOTAL VALUE OF PRODUCT PLACED ON MARKET	$ 61,404,245.9

The decrease in value under the previous year as follows:

COAL	$ 3,587,971.31
COKE	1,819,095.40
Net decrease in value of product	$ 5,407,066.71

The coal produced was disposed of in the following manner:

Produced by small country mines—sold at mines	300,000 G. T.
Used in operating mines	1,378,006 G. T.
Furnished local trade and tenants from commercial mines	966,819 G. T.
Used in coke ovens	1,597,768 G. T.
Shipped from the mines	59,876,084 G. T.
TOTAL	64,118,677 G. T.

The above tonnage compared with the previous year originated in the several Geographical Districts as follows:

DISTRICTS	1915	1914	Increase or Decrease
Potomac	2,175,223	2,077,031	98,192 (I)
Monongahela	14,379,834	15,611,399	1,231,565 (D)
Wheeling	2,230,832	1,976,606	254,226 (I)
Interior	456,605	405,059	51,546 (I)
Kanawha-New River	19,857,915	20,567,977	710,062 (D)
Norfolk & Western	24,718,268	24,845,016	126,748 (D)
Small Mines	300,000	300,000	
TOTALS	64,118,677	65,783,088	1,664,411 (D)

During the year there were 2,566 mining machines in use at 599 mines employing 29,692 men and producing 38,393,691 gross tons of coal, which is 60 per cent. of the total production of the State and which is 12,668,705 gross tons in excess of the machine mined coal during the fiscal year ending June 30, 1914.

The following table exhibits the growth of machine mining since the year 1897:

YEAR	Number of Mines Using Machines	Number of Machines in use	Total Employed Incident to Machines	Number of Tons Produced by Machines	Percentage of Coal to Total Production	Number of Days Worked
1897........	16	55	652	600,418	5.12	197
1898........	28	96	933	1,070,293	7.04	214
1899........	41	141	1,608	1,733,279	10.66	240
1900........	63	241	2,371	2,637,611	13.43	261
1901........	90	386	3,967	3,582,853	7.65	225
1902........	124	534	4,813	5,135,823	21.98	249
1903........	181	795	6,531	6,312,894	27.56	201
1904........	248	988	8,395	8,317,692	30.82	209
1905........	280	1,158	10,237	10,315,781	32.74	213
1906........	301	1,267	10,855	13,333,602	35.65	231
1907........	360	1,508	12,248	14,549,183	36.34	234
1908........	399	1,657	14,377	15,387,695	38.09	211
1909........	404	1,674	14,891	16,419,264	39.55	192
1910........	475	1,967	16,991	23,263,675	44.14	229
1911........	498	2,158	20,697	26,392,073	48 84	194
1912........	424	2,307	21,697	30,467,193	51.13	224
1913........	469	2,393	21,803	33,335,800	53.97	220
1914........	489	2,467	26,684	35,941,590	54.00	226
1915........	599	2,566	29,692	38,393,691	60.00	190
TOTALS..				287,189,410	Average	207

Tons for 1915 per each employee..	1,288
Tons per each employee per year (Avg. 19 yrs.)................................	1,251
Tons produced per each machine per year..................................	11,796
Average days worked per year (Avg. 19 yrs.)...............................	207
Average tons produced by one machine per day (Avg. 19 yrs.)..............	57
Average tons produced by one machine per month of 26 days (Avg. 19 yrs.)..	1,482

TONS OF PICK MINED COAL PRODUCED IN COMMERCIAL AND SMALL COUNTRY MINES, 1887 TO 1914 INCLUSIVE.

(Tons of 2,240 lbs.)

YEAR	Pick Coal from Commercial Mines	Pick Coal from small County Mines	Pick Miners in Commercial Mines	Pick Miners in Small Country Mines	Days Worked	Tons Produced in Commercial Mines per Miner
1897........	10,971,482	133,929	13,218	No Record	197	830
1898........	13,084,572	140,000	14,036		214	932
1899........	14,366,871	150,000	14,119		240	1,017.5
1900........	16,199,300	150,000	14,723		261	1,100
1901........	16,533,138	175,000	16,000		225	995
1902........	18,034,200	180,000	15,969		249	1,120.8
1903........	16,420,804	180,000	16,287		201	1,008
1904........	18,497,025	170,000	18,880		209	979.7
1905........	21,007,248	180,000	19,602		213	1,071.7
1906........	23,889,872	180,000	19,132		231	1,248.7
1907........	25,311,128	180,000	19,287		234	1,312
1908........	23,799,315	180,000	21,728		211	1,095.3
1909........	25,094,502	180,000	22,583		192	1,110.3
1910........	29,361,033	200,000	22,509		229	1,304.4
1911........	27,341,113	300,000	21,247		194	1,286.8
1912........	28,814,581	300,000	21,879		224	1,317
1913........	28,134,552	300,000	18,320		220	1,536.7
1914........	29,541,498	300,000	19,924		226	1,483
1915........	25,724,986	300,000	19,777		190	1,303

Average tons per year for each miner (19 yrs.)..................	1,235
Average number of days worked per year (19 yrs.)...........................	207

ACREAGE MINED.

The total acreage of coal mined within the State, based upon return made by the operators, and calculations made at this office, since 1897 are presented in the following table:

1897	1,733.9 Acres.
1898	2,184.6 Acres.
1899	2,361.2 Acres.
1900	2,638.8 Acres.
1901	2,854.6 Acres.
1902	3,352.0 Acres.
1903	3,222.3 Acres.
1904	3,967.7 Acres.
1905	4,691.8 Acres.
1906	5,516.5 Acres.
1907	5,779.7 Acres.
1908	5,915.0 Acres.
1909	6,608.0 Acres.
1910	7,907.4 Acres.
1911	10,801.8 Acres.
1912	11,240.6 Acres.
1913	11,231.0 Acres.
1914	10,100.0 Acres.
1915	9,472.0 Acres.
TOTALS	111,570.9 Acres.

The mines in the State averaged 190 days as against 223 for the preceding year.

TRANSPORTATION OF COAL AND COKE.

In another part of this report will be found a table giving the tonnage of coal and coke handled by the various railroads in the State. A discrepancy will be noted between the amount of coal reported by the railroads as originating on their lines and the amount reported by the coal companies as being shipped from the mines. This can be easily accounted for, as undoubtedly the railroads did not take into consideration the amount of coal used by them. Hence, the report of the coal companies shows considerable of an increase over that reported by the railroad companies.

The railroads also report less tonnage of coke originating on their lines than the mines report as being shipped. This may be accounted for by the railroads taking into consideration, in their report, only the coke which has passed over their scales at the close of the fiscal year, and the difference would be moving between the various mines and the railroad yards where railroad scales are located.

RIVER SHIPMENTS.

For the fiscal year ending June 30th, 1915, the coal floated down the Great Kanawha River amounted to 819,302 gross tons, as against 896,262 gross tons the previous year.

There were 16,775 tons of coal shipped down the Ohio River from this State. This is the fifth year that coal shipments have been reported as being made on this river from West Virginia. This does not include the tonnage for fuel consumed by water craft and local river trade.

There was no coke shipped by water by either the Kanawha, Monongahela or Ohio Rivers from West Virginia during the year.

COKE OVENS AND COKE PRODUCED.

There are 97 coke plants in the State, which report a total of 16,101 coke ovens, of which number 3,574 were in actual operation, there being 12,527 ovens reported as not being in use during the year.

There were 1,597,768 gross tons of coal converted into coke which gave a yield of 1,103,004 net tons of coke and gave employment to 1,230 persons.

The decrease in the production of coke, as compared with the previous year was 854,397 net tons, at a decreased valuation of $1,811,895.40. The average price per ton of coke was $1.90, a decrease of 10 cents per ton under the preceding year.

IMPROVEMENTS.

Quite a number of improvements have been made at the various mines throughout the State on their old plants, as well as in the opening up and re-equipping new mines.

A detailed table of improvements appears on subsequent pages, as well as in the District Mine Inspectors' Reports of their respective mines, to which special attention is directed, which shows the improvement by Counties and Districts.

MEN EMPLOYED.

During the year there were employed at the mines and coke ovens an average of 81,328 persons, an increase over the previous year of 3,287. Of the total number employed, there were:

19,777 Pick Miners.
25,370 Machine Miners.
4,322 Machine Runners & Helpers.
19,047 Inside Laborers.
11,582 Outside Laborers.
1,230 Coke Workers.

Counting the superintendents, mine foremen, fire bosses, store managers, store and office clerks, it would be safe to add fifteen persons per mine, employed in these capacities. Basing this estimate on 850 producing mines, it would make a total of 12,750 persons, or a grand total of employees directly connected with the operation of the mines of 94,078.

The Nationalities of the persons employed in and around the mines are given in a tabulated form in another part of this report and the totals of the various nationalities are as follows:

Americans (White)	37,918
Negroes	11,835
Italians	10,698
Hungarians	5,120
Polish	2,723
Slavish	2.042
Austrian	2,109
Russian	2,208
Other Nationalities	6,675
Total	81,328

WAGES.

The average price received by pick miners throughout the State per gross ton of run of mine coal was 48 cents for 1915 as against 49 cents for 1914.The average tonnage produced per each pick miner was 1,317 tons, a decrease of 16.6 tons under 1914. The average annual wages of pick miners (all pick miners included) was $632.16, which was a decrease of $94.51 under that of the previous year.

The average selling price of all coal shipped from the mines was 97 cents per gross ton of run of mine coal, an average of three cents per ton less than the prices received during the year of 1914.

Coke was sold F. O. B. at the ovens at an average price during the year of $1.90 per net ton; this price being a decrease under the previous year of ten cents per ton.

ACCIDENTS.

During the fiscal year ending June 30th, 1915 there were 455 lives lost in connection with the mining operations. Of these 424 were killed inside and 31 outside the mines.

This shows a decrease in fatal accidents for the fiscal year 1915 of 86 under the year 1914, which, we believe, is due in a great measure to the system established by this Department of reporting these accidents. Each month a report of the fatal accidents for the preceding month is made to all coal companies in this state, and a sufficient number sent to each company, so that one can be posted at each mine. The report covers all fatal accidents, whether in or out of the mine, the name, date and cause of the accident and any other information which may be pertinent.

There were 1,628 non-fatal accidents during the year, 1,480 of which were inside of the mines and 148 outside, an increase over the year previous of 758. This increase may seem large but when we take into consideration the workings of the Workmen's Compensation Law, which requires the reporting to this Department of all accidents, however slight, occurring at the mines, the increase is easily accounted for.

YEAR	Fatal	Non-Fatal	Fatal Inside	Fatal Outside	Non-Fatal Inside	Non-Fatal Outside
1914........	541	870	505	36	797	73
1915........	455	1,628	424	31	1,480	148
	86(D)	758(I)	81(D)	5(D)	683(I)	75(I)

"D" means Decrease. "I" means Increase.

Falls of roof and coal and accidents from mine cars have been the chief factors in causing a large majority of the accidents in the mines. Investigations of the accidents from these three causes demonstrates that about 75 per cent. of them were due to contributory negligence on the part of either the persons killed or injured or some other person, and should not have occurred at all if ordinary care had been taken to prevent them. Strict discipline, vigorously enforced by the mine officials would reduce the number of accidents from these causes at least one half.

I regret to report that during the year three explosions occurred within this State; one at the Carlisle mine of the White Oak Fuel Company on February 6th; one at the Layland mine of the New River & Pocahontas Consolidated Coal Company on March 2nd and one at No. 1 mine of the Davy Pocahontas Coal Company on April 17, 1915. Statements in detail of these explosions will be found in another part of this report.

PREVENTION OF ACCIDENTS.

In considering the prevention of accidents in our mines, it is deemed advisable to take up the cause of these accidents in order of their importance.

First:—FALLS OF ROOF AND COAL. In looking over the accidents reported, it has been found that many are due to the carelessness of the injured and, strange as it may seem, quite a number of those injured are old and experienced men. They seem to take greater risks and continue to do so, notwithstanding the object lessons that are given them when other men are injured or killed under similar conditions.

Other causes are:—Insufficient timber, or timber improperly set, lack of judgment, lack of equipment in not providing tools to properly set up timbers to protect themselves, ignorance, lack of proper supervision and discipline by the mine officials.

In order to reduce accidents from this source to a minimum, there should be, primarily, rigid discipline, which means that when an employee is warned not to go into a place having a dangerous roof he will *STAY OUT* until it is properly secured; it means also that when an employee is told to take down a bad piece of slate, he will do so at once and not wait until he completes the loading of the car or performs the other work at which he may be engaged at the time. He should further be instructed in the manner of setting his timber to protect himself; he should be required to have the necessary tools for setting timber and pulling down and handling slate; he should know how to sound the roof and line up his timber, how the timber should be spaced and how the cap pieces should be set in order to give him the best possible protection. An inexperienced miner should never be permitted to work in a mine by himself, especially he must be kept out of places having bad roof.

Adequate supervision doubtless would greatly reduce the number of accidents from slate fall, both to experienced and inexperienced persons. There seems to be a disposition, especially among experienced men, to ignore, or rather to forget the danger from bad roof. Loose pieces of slate should be marked and taken down as soon as possible, particularly should this be done on haulage roads and traveling ways. The mine law requires the mine foreman, or his assistant, to visit all working places each day and a strict compliance with this law would eliminate, in a great measure, accidents from this cause.

Second:—ACCIDENTS FROM MINE CARS. Accidents from this source are in a great many cases due to direct violation of the mine law, and of the mine rules and here again is the place to apply rigid discipline.

Accidents will not be reduced by simply posting a notice that "Employees (other than those whose duty it is to do so) must not ride on the empty or loaded cars". The rule should be enforced and the law should be strictly obeyed.

Where employees have to travel on haulage roads, either proper width of roadway should be maintained or suitable refuge holes properly placed and whitewashed, according to law, should be provided.

Where cars are hauled out of the dip entry (back into which they are liable to run in case a coupling should break) suitable drags and derailing devices should in all cases be used.

Lights should be placed on both ends of all trips, as provided by law.

At all mines, wherever possible, a traveling way should be provided to be entirely independent of the haulage road; this will prevent either old or new men from getting confused and caught by trips if their lights should be extinguished in their efforts to get out of the way of moving cars.

Where employees ride to their work in special trips made up for this purpose, a moderate speed should be maintained and a track walker should precede the trip to see that no falls are on the track and, also, to see that the track is in good condition, as well as the electric wires or ropes which propel the trip. Where electric motors are used, there should be arched head lights on the motors. These enable the motorman to see anything ahead for a considerable distance.

Miners should be instructed how to handle mine cars into and out of their working places and they should be shown how to avoid dangers incident to the work.

There have been cases where accidents have occurred by gathering motors having pushed empty cars into rooms where an empty car was standing at the face of the room, catching the miner between the face and the car. A room latch which is controlled by a lever and weight would prevent an accident of this kind.

Third:—ELECTROCUTIONS. During the year 24 lives were lost by electrocutions. From 1897 to 1915 there have been 168 persons who have lost their lives from this source, both in and out of the mines. A careful scrutiny of the reports of these accidents for the last year show that about 78.57 per cent. of the electrocutions were caused by a current of electricity not less than 500 volts, while only 21.43 per cent. were caused where the voltage did not exceed 300 volts.

This is a striking illustration of the dangers incident to the use of electricity under high voltage and the comparative immunity secured to life by using low voltage; this is the more striking because of the fact that possibly not more than one fifth of the mines in the State, which use electricity, have high voltage installations, and yet they produce five-sixths of the fatalities as against one-sixth produced by the low voltage installations.

The efficiency of the work done between high and low voltage in actual results is not materially different, the chief difference being the size and subsequent cost of the copper wire that conducts the electric current. The low voltage current requires a heavier wire with more copper in it than the high voltage does and, therefore, the cost of the installation and maintenance is considerably greater.

In view of the above facts, I am of the opinion that any electric current carried into a mine, exceeding 300 volts, is unnecessarily dangerous to life and limb.

During the fiscal year ending June 30, 1915, the causes of accidents and lives lost inside are summarized as follows:

Killed by explosions (all forms)	137
Killed by falls of roof and coal	181
Killed by mine cars (inside and outside)	58
Killed by electrocutions	24
Killed by other causes	24
TOTAL	424

Since 1897 there have been killed inside the mines of the State as follows:

Killed by fall of roof and coal	2,411
Killed by mine cars	504
Killed by gas explosions	365
Killed by dust explosions	702
Killed by electrocutions	168
Killed by other causes	665
TOTAL	4,815

The experience of persons killed and injured for the past fourteen years, from 1901 to 1915 inclusive, is as follows:

Having an experience of one year or less	2,696
Having an experience of two to five years	3,672
Having an experience of six to ten years	1,750
Having an experience of eleven to twenty-five years	1,244
Having an experience of twenty-five to fifty years	215
Having an experience of many years	405
Having an experience of unknown years	2,722
TOTAL	12,704

The above table shows conclusively that the persons with little experience are the persons who are most frequently injured or killed.

Since the year 1883 the average lives lost inside for every 1,000 persons employed inside the mines was 635.

Ratio per 1,000 employed inside the mines during 1908	12.24
Ratio per 1,000 employed inside the mines during 1909	6.72
Ratio per 1,000 employed inside the mines during 1910	5.61
Ratio per 1,000 employed inside the mines during 1911	5.17
Ratio per 1,000 employed inside the mines during 1912	6.89
Ratio per 1,000 employed inside the mines during 1913	5.09
Ratio per 1,000 employed inside the mines during 1914	8.30
Ratio per 1,000 employed inside the mines during 1915	6.13

FATAL ACCIDENTS, THEIR CAUSES, SINCE 1897.

CAUSES	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
Fall of roof and coal	47	67	64	61	76	79	96	95	105	99
Mine cars	6	6	7	11	11	13	12	12	18	16
Gas explosions	0	1	0	50	10	0	24	3	1	4
Dust explosions	0	0	0	0	0	0	0	0	0	0
All other causes	7	2	8	11	24	18	15	13	25	131
TOTALS	60	76	79	133	121	110	147	123	149	250

CAUSES	1907	1908	1909	1910	1911	1912	1913	1914	1915
Fall of roof and coal	130	155	144	215	184	207	160	213	181
Mine Cars	20	28	31	44	59	36	46	62	70
Gas explosions	29	2	3	1	3	18	8	183	25
Dust explosions	0	368	116	0	24	83	0	0	113
All other causes	136	46	70	60	62	65	94	83	66
TOTALS	315	599	364	320	332	409	308	541	455

McKendree Hospital No. 2.

SUMMARY OF ACCIDENTS INSIDE THE MINES, 1914-1915

	1915	1914	Changes
Number of employees inside	68,516	64,931	3,585 (I)
Number of days mines were operated	190	226	36 (D)
Number of persons killed inside	424	505	81 (D)
Number of days work accomplished	13,018,040	14,674,406	1,656,366 (D)
Number killed per 1,000 inside	6.19	8.33	2.14 (D)
Number killed per 1,000 days work inside	.0326	.0344	.0018 (D)
Number injured non fatally inside	1,473	797	676 (I)
Number injured per 1,000 inside	21.5	28.8	7.3 (D)
Number injured per 1,000 days work inside	.1132	.1274	.0142 (D)
Number of inside employees per each fatality inside	162	129	33 (I)

TONNAGE PER FATALITY.

Since the year 1883 the average tons of coal produced per each fatality inside have been 143,623 tons, including 1915, which is 151,223 tons per fatality. At these mines where fatal accidents occurred there was an average of one life lost for each 71,140 tons of coal produced.

The total 424 lives lost inside during the year occurred at 236 mines employing 32,207 persons inside and producing 32,368,937 gross tons of coal, while the other mines produced 31,749,740 gross tons of coal without the loss of a single life inside the mines.

PERMISSIBLE POWDER AND SOLID SHOOTING.

The use of various brands of permissible blasting powder has been employed in quite a number of the mines throughout the State where explosive gases are liberated to any extent, and, also, in the mines that are dry and dusty. Their use has been made compulsory where such conditions exist.

Shooting coal off the solid has been nearly eliminated throughout the State except where permission has been given by the District Mine Inspectors, when, in their judgment, the character of the coal and the mining conditions will allow it to be done with a reasonable degree of safety and then only under such conditions and restrictions as they prescribe. No permission is given under any circumstances where, in their judgment, the conditions are favorable to the initiation of a dust explosion.

The mines must be kept in a moist condition either by sprinkling with water or the introduction of moisture into the ventilating current to such an extent as will allay all dust and prevent it from floating in the air current in dangerous quantities.

There must be a supervision in the manner in which holes are drilled, the quantity of powder used and also the nature of the tamping used by the person who is designated by the mine foreman or operator for that purpose before any blasting is done.

It has taken stenuous work on the part of the District Mine Inspectors to break up the practice of solid shooting, but by persistent efforts and the enforcement of the law by numerous prosecutions, it has been practically accomplished. A list of names of those who have been prosecuted for violation of the mining law appears in another part of this report.

Elsewhere in this report will be found the Annual Reports of the twelve district mine inspectors, which gives in detail the conditions existing in the mines in their respective districts.

In conclusion the writer desires to express his high appreciation of the confidence reposed in him by your Excellency, and for the moral and material aid rendered him in the discharge of his duties pertaining to the work of this Department.

Respectfully submitted,
EARL A. HENRY,
Chief of the Department of Mines.

ALPHABETICAL LIST OF THE DIFFERENT COAL COMPANIES IN WEST VIRGINIA BY COUNTIES, 1915.

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Boat Run Coal Co.	Arden	Barbour
The Century Coal Co.	Century	Barbour
The Consolidation Coal Co.	Berryburg	Barbour
Davis Colliery Co.	Junior	Barbour
The Davis Coal & Coke Co.	Dartmoor	Barbour
Gage Coal & Coke Co.	Pittsburgh, Pa.	Barbour
Grafton Fuel Co.	Lillian	Barbour
Humphreys Coal Co.	Philippi	Barbour
Luella Coal & Coke Co.	Arden	Barbour
Lee J. Sandridge Coal Co.	Meriden	Barbour
Anchor Coal Co.	Highcoal	Boone
Eagle Mining Co.	Ottawa	Boone
The Coal River Co.	Ottawa	Boone
The Hickory Ash Coal Co.	Sterling	Boone
Horse Creek Block Coal Co.	Woodville	Boone
Peytona Block Coal Co.	Peytona	Boone
Seng Creek Coal Co.	Whitesville	Boone
The Spruce River Coal Co.	Ramage	Boone
Webb Coal Mining Co.	Garrison	Boone
The Copen Creek Coal Co.	Bower	Braxton
Davis Colliery Co.	Bower	Braxton
Clifton Coal Co.	Cliftonville	Brooke
La Belle Iron Works	Steubenville, O.	Brooke
Richland Block Coal Co.	R. R. No. 4 Wellsburg	Brooke
West Virginia Pittsburgh Coal Co.	Colliers	Brooke
West Virginia Pittsburgh Coal Co.	Wellsburg	Brooke
The Elliot Splint Coal Co.	Clay	Clay
Elk River Coal & Lumber Co.	Widen	Clay
Queen Shoals Coal Co.	Queen Shoals	Clay
Aileen Coal Co.	Keeneys Creek	Fayette
Ajax Coal Co.	Fayette	Fayette
Babcock Coal & Coke Co.	Cliff Top	Fayette
Ballinger Coal Co.	Winona	Fayette
Beechwood Coal & Coke Co.	Claremont	Fayette
Beury Bros. Coal & Coke Co.	Beury	Fayette
Big Bend Coal Co.	Dimmock	Fayette
Boomer Coal & Coke Co.	Boomer	Fayette
G. M. Blume Estate	Fayette	Fayette
Blume Coal & Coke Co.	Lookout	Fayette
Branch Coal & Coke Co.	Elverton	Fayette
Brown Coal Co.	Nuttalburg	Fayette
Cannelton Coal & Coke Co.	Cannelton	Fayette
Collins Colliery Co.	Glenn Jean	Fayette
Columbus Iron & Steel Co.	Marting	Fayette
Christian Colliery Co.	Mahan	Fayette
Deitz Colliery Co.	Wyndal	Fayette
Dun Glen Coal Co.	Dun Glen	Fayette
Dunn Loop Coal & Coke Co.	Dunloop	Fayette
The Elmo Mining Co.	Elmo	Fayette
Ephraim Creek Coal & Coke Co.	Thayer	Fayette
Eureka Coal Co.	Donwood	Fayette
Export Coal Co.	Export	Fayette
Fire Creek Coal & Coke Co.	Fire Creek	Fayette
Fort Defiance Coal & Coke Co.	Ft. Defiance	Fayette
The Gauley Mountain Coal Co.	Jodie	Fayette
The Gauley Mountain Coal Co.	Ansted	Fayette

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Gaymont Coal Co.	Elmo	Fayette
Greenwood Coal Co.	Lawton	Fayette
Evans & Sons	Mt. Carbon	Fayette
Harvey Coal & Coke Co.	Harvey	Fayette
Hemlock Hollow Coal & Coke Co.	Lawton	Fayette
Hindson Coal Co.	Thurmond	Fayette
W. R. Johnson Coal Co.	Smithers	Fayette
Keeneys Creek Colliery Co.	Boone	Fayette
Keeneys Creek Colliery Co.	Winona	Fayette
Laura Mining Co.	Red Star	Fayette
Laurel Creek Coal Co.	Laurel Creek	Fayette
Lookout Coal & Coke Co.	Lookout	Fayette
Long Branch Coal Co.	Long Branch	Fayette
Loup Creek Colliery Co.	Page	Fayette
The Low Moor Iron Co. of Va.	Kay Moor	Fayette
Lynchburg Colliery Co.	Vanetta	Fayette
M.-B. Coal & Coke Co.	Elkridge	Fayette
M.-B. Coal & Coke Co.	Kimberly	Fayette
Macdonald Colliery Co.	Macdonald	Fayette
Meadow Fork Coal Co.	Newlyn	Fayette
McKee Coal & Coke Co.	Derryhale	Fayette
McKee Coal & Coke Co.	Kilsyth	Fayette
Michigan Coal Co.	Fayette	Fayette
Midvale Colliery Co.	Gamoca	Fayette
Milburn Coal Co.	Milburn	Fayette
Mill Creek Colliery Co.	Ansted	Fayette
Mt. Hope Coal & Coke Co.	Mt. Hope	Fayette
The Mount Carbon Co., Ltd.	Powelton	Fayette
Newlyn Coal Co.	Newlyn	Fayette
New River Collieries Co.	Sun	Fayette
New River & Pocahontas Consolidated Coal Co.	Layland	Fayette
New River & Pocahontas Consolidated Coal Co.	Minden	Fayette
New River & Pocahontas Consolidated Coal Co.	Pax	Fayette
Nichol Colliery Co.	Glen Jean	Fayette
Nuttalburg Smokeless Fuel Co.	Nuttalburg	Fayette
New River Co.	Prudence	Fayette
Quinnimont Coal Co.	Lawton	Fayette
Ridgeview Coal Co.	Thayer	Fayette
River Valley Colliery Co.	Hawks Nest	Fayette
Rock Lick Coal Co.	Concho	Fayette
Rothwell Coal Co.	Dubree	Fayette
*Scotia Coal & Coke Co.	Finlow	Fayette
Scotia Coal & Coke Co.	Rush Run	Fayette
Sewell Colliery Co.	Caperton	Fayette
Signal Knob Coal Co.	Ansted	Fayette
Solvay Collieries Co.	Westerly	Fayette
Solvay Collieries Co.	Kingston	Fayette
St. Clair Colliery Co.	Eagle	Fayette
Star Coal & Coke Co.	Red Star	Fayette
South Side Co.	Caperton	Fayette
Stone Cliff Coal & Coke Co.	Stone Cliff	Fayette
The Stuart Colliery Co.	Lochgelly	Fayette
The Stuart Colliery Co.	Summerlee	Fayette
Sugar Creek Coal & Coke Co.	Mt. Hope	Fayette
Sunday Creek Coal Co.	Carbondale	Fayette
Sunday Creek Coal Co.	Longacre	Fayette
Sunday Creek Coal Co.	Harewood	Fayette
Turkey Knob Coal Co.	Macdonald	Fayette
White Oak Fuel Co.	Carlisle	Fayette
White Oak Fuel Co.	Scarbro	Fayette
White Oak Fuel Co.	Whipple	Fayette
Willis Branch Coal Co.	Herberton	Fayette

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Gilmer Fuel Co.	Gilmer	Gilmer
Katherine Coal Co.	Gilmer	Gilmer
McCaa Coal Co.	Gilmer	Gilmer
Buffalo Creek Cumberland Coal Co.	Bayard	Grant
The Davis Coal & Coke Co.	Henry	Grant
S. H. Jordan	Bayard	Grant
Elk Lick Coal Co.	Richwood	Greenbrier
Antler Coal Co.	Lumberport	Harrison
Byron Coal Co.	Mt. Clare	Harrison
D. Howard Rec. of Blue Ridge Co.	Clarksburg	Harrison
Calif Coal Co.	Lost Creek	Harrison
Central Fairmont Coal Co.	Clarksburg	Harrison
Clarksburg Coal Mining Co.	Clarksburg	Harrison
The Consolidation Coal Co.	Gypsy	Harrison
The Consolidation Coal Co.	Haywood	Harrison
The Consolidation Coal Co.	Clarksburg	Harrison
The Consolidation Coal Co.	Glen Falls	Harrison
The Consolidation Coal Co.	R. F. D. No. 3 Clarksburg	Harrison
The Consolidation Coal Co.	Shinnston	Harrison
The Consolidation Coal Co.	Lewis	Harrison
The Consolidation Coal Co.	Viropa	Harrison
The Consolidation Coal Co.	Adamston	Harrison
The Consolidation Coal Co.	Meadowbrook	Harrison
Corona Coal & Coke Co.	Clarksburg	Harrison
Fairmont & Baltimore Coal & Coke Co.	Adamston	Harrison
Fairmont & Clarksburg Coal Co.	Reynoldsville	Harrison
Francois Coal & Coke Co.	Clarksburg	Harrison
Harry B. Coal & Coke Co.	Box 649 Clarksburg	Harrison
Hygrade Coal Co.	McWhorter	Harrison
Haywood Coal Mining Co.	Shinnston	Harrison
Hutchinson Coal Co.	Reynoldsville	Harrison
Hutchinson Coal Co.	Hepzibah	Harrison
Hutchinson Coal Co.	Mt. Clare	Harrison
Hutchinson Coal Co.	Dola	Harrison
Hutchinson Coal Co.	Meadowbrook	Harrison
Johnston McIntyre Coal Co.	Rosebud	Harrison
J. S. Klinfelter & Co.	McWhorter	Harrison
Lambert Run Coal Co.	Meadowbrook	Harrison
The J. E. Long Coal Co.	Clarksburg	Harrison
Maderia-Hill-Clark Coal Co.	Wilsonburg	Harrison
Marion Gas Coal Co.	Enterprise	Harrison
Marshall Coal Co.	Mt. Clare	Harrison
Monongah Fuel Co.	Fairmont	Harrison
National Coal Co.	Grafton	Harrison
Orr Coal Mining Co.	Wilsonburg	Harrison
Orr-Shields Coal Co.	Reynoldsville	Harrison
Overholt Coal Co.	Hepzibah	Harrison
Righter Coal & Coke Co.	Lost Creek	Harrison
Rosebud Fuel Co.	Rosebud	Harrison
Taylor Collieries Co.	Clarksburg	Harrison
Templeton Coal Co.	Rosebud	Harrison
Vincent Coal Co.	Clarksburg	Harrison
Virginia-Maryland Coal Corp.	Shinnston	Harrison
Winchester Coal Co.	Enterprise	Harrison
Belmont Coal Co.	Crown Hill	Kanawha
Black Band Fuel Co.	Olcott	Kanawha
Blue Creek Coal & Land Co.	Blakeley	Kanawha
Cabin Creek Consolidated Coal Co.	Acme	Kanawha
Cabin Creek Consolidated Coal Co.	Decota	Kanawha
Cabin Creek Consolidated Coal Co.	Warrior	Kanawha
Cabin Creek Consolidated Coal Co.	Leewood	Kanawha

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Cabin Creek Consolidated Coal Co.	Ohley	Kanawha
Cabin Creek Consolidated Coal Co.	Kayford	Kanawha
Cabin Creek Consolidated Coal Co.	Wake Forest	Kanawha
Cabin Creek Consolidated Coal Co.	Wevaco	Kanawha
Chesapeake Mining Co.	Wandly	Kanawha
Coalburg Colliery Co.	Ronda	Kanawha
Coalburg-Kanawha Coal Co.	Coalburg	Kanawha
The Campbell's Creek Coal Co.	Dana	Kanawha
Cannelton Coal & Coke Co.	Cannelton	Kanawha
Carbon Coal Co.	Carbon	Kanawha
Dry Branch Coal Co.	Dry Branch	Kanawha
East Bank Mining Co.	East Bank	Kanawha
Eureka Coal Co.	Donwood	Kanawha
Hackett Coal Co.	Cedar Grove	Kanawha
Imperial Colliery Co.	Burnwell	Kanawha
Pen Mar Mining Co.	Big Chimney	Kanawha
Kanawha River Coal Co.	Montgomery	Kanawha
Kellys Creek Colliery Co.	Ward	Kanawha
Lewis Coal & Coke Co.	Chelyan	Kanawha
Lewiston Block Coal Co.	Lewiston	Kanawha
The Marmet Coal Co.	Marmet	Kanawha
The Marmet Coal Co.	Monarch	Kanawha
Mill Creek Cannel Mining Co.	Villa	Kanawha
Montgomery Coal Co.	Montgomery	Kanawha
Morris Fork Coal Co.	Heatherman	Kanawha
National Bituminous Coal & Coke Co.	Eskdale	Kanawha
Paint Creek Collieries Co.	Mucklow	Kanawha
Paint Creek Collieries Co.	Tomsburg	Kanawha
Paint Creek Collieries Co.	Olcott	Kanawha
Quincy Coal Co.	Quincy	Kanawha
Republic Coal Co.	Carbon	Kanawha
Standard Kanawha Coal Mining Co.	Quick	Kanawha
Standard Splint & Gas Coal Co.	Standard	Kanawha
Southwestern Splint Fuel Co.	Crown Hill	Kanawha
Sunday Creek Coal Co.	Shrewsbury	Kanawha
Sunday Creek Coal Co.	Cedar Grove	Kanawha
Sunday Creek Coal Co.	Mammoth	Kanawha
Virginia Coal Co.	Coal Fork	Kanawha
Wake Forest Mining Co.	Wake Forest	Kanawha
West Virginia Colliery Co.	Carbon	Kanawha
West Virginia Colliery Co.	Wevaco	Kanawha
Winifrede Coal Co.	Winifrede	Kanawha
Wyatt Coal Co.	Laing	Kanawha
Wyatt Coal Co.	Sharon	Kanawha
Wyatt Coal Co.	Giles	Kanawha
Burrows Coal Co.	McWhorter	Lewis
Branchland Coal Co.	Branchland	Lincoln
Guyan River Coal Co.	Branchland	Lincoln
Amherst Coal Co.	Amherstdale	Logan
Aracoma Coal Co.	Logan	Logan
Argyle Coal Co.	Yolyn	Logan
The Avon Coal Co.	Accoville	Logan
Bengal Coal Co.	Kistler	Logan
Black Hawk Colliery Co.	Big Creek	Logan
Buffalo Eagle Colliery Co.	Accoville	Logan
Coal River Coal & Coke Co.	Dobra	Logan
The Coal Valley Mining Co.	Clothier	Logan
Cora Coal & Coke Co.	Cora	Logan
Crown Coal & Coke Co.	Crown	Logan
Cub Fork Coal Co.	Yolyn	Logan
Draper Coal & Coke Co.	Logan	Logan
Eagle Island Coal Co.	Kistler	Logan

NAME OF COMPANY	P. O. ADDRESS	COUNTY
The Ethel Coal Co.	Ethel	Logan
Fort Branch Coal Corporation	Fort Branch	Logan
The Frieze Fork Coal Mining Co.	Ethel	Logan
The Gay Coal & Coke Co.	Logan	Logan
George Creek Coal Co., Inc.	Ethel	Logan
Guyandotte Coal Co.	Kitchen	Logan
Huddleston Coal & Coke Co.	Accoville	Logan
Island Creek Colliery Co.	Switzer	Logan
Island Creek Block Coal Co.	Barnabas	Logan
E. R. Johnson Coal Mining Co.	Hughey	Logan
Jones-Parsons Coal Co	Barnabas	Logan
Kohinoor Coal & Coke Co.	Craneco	Logan
Lincoln Coal Mining Corporation	Big Creek	Logan
Litz Smith Coal Co.	Accoville	Logan
The Logan Coal Co.	Ethel	Logan
Logan Mining Co.	Manbar	Logan
Logan Mining Co.	Ethel	Logan
Logan Mining Co.	Monaville	Logan
Long Flame Coal Co.	Stoco	Logan
The Lorain Coal & Dock Co.	Craneco	Logan
Main Island Creek Coal Co.	Omar	Logan
The Maher-Pursglove Mining Co.	Cleveland, O.	Logan
Manbor Coal Co.	Manbar	Logan
Mifflin Coal Co.	Clothier	Logan
Monitor Coal & Coke Co.	Wilkinson	Logan
McGregor Coal Co.	Slagle	Logan
The Opperman Coal Co.	Blair	Logan
Paragon Colliery Co.	Yolyn	Logan
Rex Coal & Coke Co.	Ethel	Logan
Rich Creek Coal Co.	Manbar	Logan
Ruffner Coal Co.	Accoville	Logan
Shamrock Coal Co.	Logan	Logan
Spruce Bend Coal Co.	Sharples	Logan
Spruce Valley Coal Co.	Blair	Logan
Stone Branch Coal Co.	Stone Branch	Logan
Sovereign Coal Co.	Sovereign	Logan
Sunbeam Coal Co.	Fort Branch	Logan
H. B. Summers Coal Co.	Crown	Logan
D. C. Thomas Coal Co.	Blair	Logan
United States Coal & Oil Co.	Holden	Logan
Virginia-Buffalo Coal Co.	Amherstdale	Logan
H. T. Wilson Coal Co.	Logan	Logan
The Yuma Coal & Coke Co.	Wilkinson	Logan
J. J. Buttermore Coal Co.	Montana	Marion
Catawba Coal Co.	Catawba	Marion
The Consolidation Coal Co.	Monongah	Marion
The Consolidation Coal Co.	Montana Mines	Marion
The Consolidation Coal Co.	Watson	Marion
The Consolidation Coal Co.	Middleton	Marion
The Consolidation Coal Co.	Fairmont	Marion
The Consolidation Coal Co.	Beechwood	Marion
The Consolidation Coal Co.	Everson	Marion
The Consolidation Coal Co.	Hutchinson	Marion
Dakota Coal & Coke Co.	Fairmont	Marion
Fairmont & Cleveland Coal Co.	Rivesville	Marion
Federal Coal & Coke Co.	Grant Town	Marion
Recs. of Four States Coal & Coke Co.	Worthington	Marion
Harry B. Coal Co.	Lawson	Marion
Jamison Coal & Coke Co.	Fairmont	Marion
Jamison Coal & Coke Co.	Farmington	Marion
McCoy Coal Co.	Fairmont	Marion
New Central Coal Co.	Baxter	Marion

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Phillips Coal Co.	Fairmont	Marion
Robinson Coal Co.	Fairmont	Marion
The Virginia & Pittsburgh Coal & Coke Co.	Kingmont	Marion
The Virginia & Pittsburgh Coal & Coke Co.	Rivesville	Marion
Ben Franklin Coal Company of West Virginia	Moundsville	Marshall
Glendale Coal Co.	Glendale	Marshall
Hitchman Coal & Coke Co.	Benwood	Marshall
Kunz Bros. & Miller	Wheeling	Marshall
Mound Coal Co.	Moundsville	Marshall
Mound City Coal Co.	Moundsville	Marshall
Parrs Run Coal Co.	Moundsville	Marshall
Wheeling Steel & Iron Co.	Benwood	Marshall
Hutchinson Coal Co.	Mason	Mason
The Jackson Coal & Mining Co.	Hartford	Mason
J. M. & D. E. Newton Co.	Hartford	Mason
Arlington Coal & Coke Co.	McDowell	McDowell
Algoma C. & C. Co.	Algoma	McDowell
Askland Coal & Coke Co.	Ashland	McDowell
The Bell Coal & Mining Co.	Roderfield	McDowell
Bottom Creek Coal & Coke Co.	Vivian	McDowell
Black Wolf Coal & Coke Co.	Dearing	McDowell
Buchanan Coal Co.	Yukon	McDowell
Carter Coal Co.	Caretta	McDowell
Carter Coal Co.	Coalwood	McDowell
Carter Coal Co.	Six	McDowell
Central Pocahontas Coal Co.	Anawalt	McDowell
Cirrus Coal & Coke Co.	Big Four	McDowell
The Colonial Pocahontas Coal Co.	Avondale	McDowell
The Columbus Pocahontas Coal Co.	Iaeger	McDowell
Crozer Coal & Coke Co.	Elkhorn	McDowell
Cumberland Cannel Coal Co.	Lex	McDowell
Davy-Pocahontas Coal Co.	Roderfield	McDowell
Dry Fork Colliery Co.	Yukon	McDowell
Elkhorn Coal & Coke Co.	Maybeury	McDowell
The Empire Coal & Coke Co.	Landgraff	McDowell
Elk Ridge Coal & Coke Co.	Elk Ridge	McDowell
Eureka Coal & Coke Co.	Eckman	McDowell
Excelsior Pocahontas Coal Co.	Excelsior	McDowell
Extrapoca Coal Co.	Switchback	McDowell
Evans Coal Co.	Lex	McDowell
Flanagan Coal Co.	Roderfield	McDowell
Flat Top Coal Mining Co.	English	McDowell
Fortune Hunter Coal Co.	Northfork	McDowell
Gilliam Coal & Coke Co.	Gilliam	McDowell
Greenbrier Coal & Coke Co.	McDowell	McDowell
Hemphill Colliery Co.	Welch	McDowell
Henrietta Pocahontas Coal Co.	Bartley	McDowell
Houston Coal & Coke Co.	Elkhorn	McDowell
Houston Coal & Coke Co.	Kimball	McDowell
Houston Coal & Coke Co.	Olmsted	McDowell
Indian Ridge Coal & Coke Co.	Worth	McDowell
J. B. B. Coal Co.	Twin Branch	McDowell
Johns Branch Coal Co.	War	McDowell
Lake Superior Coal Co.	Superior	McDowell
Lathrop Coal Co.	Panther	McDowell
Lone Jack Coal Mining Co.	Iaeger	McDowell
Lynchburg Coal & Coke Co.	Kyle	McDowell
Keystone Coal & Coke Co.	Keystone	McDowell
The King Coal Co.	Kimball	McDowell
Kimball-Pocahontas Coal Co.	Big Four	McDowell
McDowell Coal & Coke Co.	McDowell	McDowell

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Mohawk Coal & Coke Co.	Mohawk	McDowell
New Pocahontas Coal Co.	Deegans	McDowell
New River & Pocahontas Consolidated Coal Co.	Berwind	McDowell
New River & Pocahontas Consolidated Coal Co.	Havaco	McDowell
Oregon Coal Co.	Hemphill	McDowell
Page Coal & Coke Co.	Pageton	McDowell
Panther Coal Co.	Panther	McDowell
Peerless Coal & Coke Co.	Vivian	McDowell
Pocahontas Consolidated Collieries Co., Inc.	Maybeury	McDowell
Pocahontas Consolidated Collieries Co., Inc.	Ashland	McDowell
Pocahontas Consolidated Collieries Co., Inc.	Switchback	McDowell
Pocahontas Consolidated Collieries Co., Inc.	Worth	McDowell
Pocahontas Consolidated Collieries Co., Inc.	Jenkinjones	McDowell
The Pocahontas Domestic Coal Co.	War	McDowell
Pocahontas Smokeless Coal Co.	Welch	McDowell
Powhatan Coal & Coke Co.	Powhatan	McDowell
Premier Pocahontas Collieries Co.	Premier	McDowell
Pulaski Iron Co.	Eckman	McDowell
Roanoke Coal & Coke Co.	Worth	McDowell
Solvay Collieries Co.	Big Sandy	McDowell
Solvay Collieries Co.	Marytown	McDowell
Shawnee Coal & Coke Co.	Eckman	McDowell
The Standard Pocahontas Coal Co.	Capels	McDowell
Superior Pocahontas Coal Co.	Davy	McDowell
The Tidewater Coal & Coke Co.	Vivian	McDowell
Turkey Gap Coal & Coke Co.	Ennis	McDowell
United States Coal & Coke Co.	Gary	McDowell
United States Coal & Coke Co.	Thorpe	McDowell
United States Coal & Coke Co.	Elbert	McDowell
United States Coal & Coke Co.	Filbert	McDowell
Upland Coal & Coke Co.	Elkhorn	McDowell
War Creek Coal Co.	War	McDowell
Welch Coal & Coke Co.	Welch	McDowell
West Virginia Pocahontas Coal Co.	Leckie	McDowell
Yukon Pocahontas Coal Co.	Yukon	McDowell
Zenith Coal & Coke Co.	Crumpler	McDowell
Algonquin Coal Co.	Algonquin	Mercer
American Coal Co.	Mannering	Mercer
American Coal Co.	Widemouth	Mercer
American Coal Co.	McComas	Mercer
Booth Bowen Coal & Coke Co.	Freeman	Mercer
Buckeye Coal & Coke Co.	Freeman	Mercer
Central Coal & Coke Co.	Crystal	Mercer
Ennis Coal Co.	Hiawatha	Mercer
Godfrey Coal Co.	Montcalm	Mercer
Louisville Coal & Coke Co.	Goodwill	Mercer
Mill Creek Coal & Coke Co.	Coopers	Mercer
Modoc Coal Mining Co.	Springton	Mercer
The S. J. Patterson Pocahontas Co.	Arista	Mercer
Pocahontas Consolidated Collieries Co., Inc.	Freeman	Mercer
Pocahontas Consolidated Collieries Co., Inc.	McComas	Mercer
Pocahontas Consolidated Collieries Co., Inc.	Pocahontas	Mercer
The Pawama Coal & Coke Co.	Matoaka	Mercer
Smokeless Coal & Coke Co.	Hiawatha	Mercer
Solvay Collieries Co.	Springton	Mercer
The Thomas Coal Co.	McComas	Mercer
The Thomas Coal Co.	Giatto	Mercer
Turkey Gap Coal & Coke Co.	Dott	Mercer
The Weyanoke Coal & Coke Co.	Lowe	Mercer
Abrams Creek Coal & Coke Co.	Oakmont	Mineral
The Big Vein Coal Co. of West Virginia	Shaw	Mineral
Carroll Cross Coal Co.	Emoryville	Mineral

NAME OF COMPANY	P. O. ADDRESS	COUNTY
The Davis Coal & Coke Co.	Elk Garden	Mineral
The Davis Coal & Coke Co.	Beryl	Mineral
Glade Run Coal & Coke Co.	Schell	Mineral
Gleason Coal & Coke Co.	Gleason	Mineral
Grafton Mining Co.	Blaine	Mineral
O. D. Harris & Sons Coal Co.	Emoryville	Mineral
The Mastellar Coal Co.	Beryl	Mineral
Buffalo Collieries Co.	Chattaroy	Mingo
Crystal Block Coal & Coke Co.	Rawl	Mingo
Glen Alum Coal Co.	Glen Alum	Mingo
Grey Eagle Coal Co.	Kermit	Mingo
Howard Junior Coal Co.	Chattaroy	Mingo
Howard Colliery Co.	Chattaroy	Mingo
Magnolia Coal & Coke Co.	Matewan	Mingo
Margaret Mining Co.	War Eagle	Mingo
Mary Helen Coal Co.	Hatfield	Mingo
The Naugatuck Coal Co.	Blocton	Mingo
Red Jacket Jr. Coal Co.	Red Jacket	Mingo
Red Jacket Cons. Coal & Coke Co., Inc.	Edgarton	Mingo
E. L. Sternberger Coal Co.	Goodman	Mingo
Stone Mountain Coal Corporation	Matewan	Mingo
Superior Thacker Coal & Coke Co.	Williamson	Mingo
Sycamore Coal Co.	Cinderella	Mingo
Thacker Coal & Coke Co.	Thacker Mines	Mingo
Thacker Coal & Coke Co.	New Thacker	Mingo
War Eagle Coal Co.	War Eagle	Mingo
The White Star Mining Co.	Merrimac	Mingo
Williamson Coal & Coke Co.	Williamson	Mingo
Antler Coal Co.	Uffington	Monongalia
The Consolidation Coal Co.	Beechwood	Monongalia
Elkins Coal & Coke Co.	Richard	Monongalia
Elkins Coal & Coke Co.	R. F. D. No. 6 Morgantown	Monongalia
The Great Scott Coal & Coke Co.	Morgantown	Monongalia
The Lehigh Coal Co.	Morgantown	Monongalia
North American Coal Co.	Morgantown	Monongalia
Southern Connellsville Coke Co.	Cheat Haven	Monongalia
Coalbell Coal Co.	Bentree	Nicholas
Pardee & Curtin Lumber Co.	Curtin	Nicholas
The Saxman Coal & Coke Co.	Saxman	Nicholas
W. F. Creighton	Elm Grove	Ohio
Elm Grove Coal Co.	Elm Grove	Ohio
Richland Coal Co.	Wheeling	Ohio
Peter Storch & Sons	Edgington Lane	Ohio
Whitaker Glessner Co.	Wheeling	Ohio
Austen Coal & Coke Co.	Austen	Preston
Borgman Coal Co.	Tunnelton	Preston
Elkins Coal & Coke Co.	Bretz	Preston
Elkins Coal & Coke Co.	Kingwood	Preston
Elkins Coal & Coke Co.	Masontown	Preston
Gorman Coal & Coke Co.	Austen	Preston
Hiorra Coke Co.	Hiorra	Preston
Irona Coal Co.	Kingwood	Preston
Kendall Lumber Co.	Crellin, Md.	Preston
Gordon B. Late	Independance	Preston
Merchants Coal Co. of Penna.	Tunnelton	Preston
Preston Coal Co.	Independence	Preston
Preston County Coke Co.	Cascade	Preston
Somerest Smokeless Coal Co.	Tunnelton	Preston
Virginia-Maryland Coal Corp.	Newburg	Preston
John Wills Coal Co.	Corinth	Preston

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Black Betsy Coal & Mining Co.	Black Betsy	Putman
The Otto Marmet Coal & Mining Co.	Raymond City	Putman
Plymouth Coal & Mining Co.	Plymouth	Putman
Bailey Wood Coal Co.	McAlpin	Raleigh
Beckley Coal & Coke Co.	Wickham	Raleigh
Blue Jay Lumber Co.	Glen Morgan	Raleigh
Clear Fork Coal Co.	Jarrolds Valley	Raleigh
Cranberry Fuel Co.	Cranberry	Raleigh
Cranberry Fuel Co.	Sprague	Raleigh
Rec. Four States Coal & Coke Co.	Dorothy	Raleigh
Gulf Coal Co.	Hotcoal	Raleigh
Gulf Smokeless Coal Co.	Tams	Raleigh
Lanark Coal Co.	Lanark	Raleigh
Lilly Mining Co.	Glen Morgan	Raleigh
Lynwin Coal Co.	Winding Gulf	Raleigh
MacAlpin Coal Co.	McAlpin	Raleigh
Mabscott Coal & Coke Co.	Mabscott	Raleigh
Marsh Fork Coal Co.	Jarrold's Valley	Raleigh
McKell Coal & Coke Co.	Tamroy	Raleigh
McKell Coal & Coke Co.	Oswald	Raleigh
New River Collieries Co.	Eccles	Raleigh
Pemberton Coal & Coke Co.	Affinity	Raleigh
Pemberton Coal & Coke Co.	Pemberton	Raleigh
Piney Mining Co.	Stanaford	Raleigh
Raleigh Coal & Coke Co.	Raleigh	Raleigh
Royal Coal Co.	Royal	Raleigh
Slab Fork Coal Co.	Slab Fork	Raleigh
Stonewall Coal & Coke Co.	Stonewall	Raleigh
Stonewall Coal & Coke Co.	Terry	Raleigh
Sullivan Coal & Coke Co.	Sullivan	Raleigh
The West Virginia Coal Mining Co.	Skelton	Raleigh
E. E. White Coal Co.	Glen White	Raleigh
E. E. White Coal Co.	Stotesburry	Raleigh
Winding Gulf Colliery Co.	Winding Gulf	Raleigh
Wood Peck Coal Co.	Sullivan	Raleigh
Wright Coal & Coke Co.	Wright	Raleigh
Brady Coal Co.	Mabie	Randolph
The Davis Coal & Coke Co.	Weaver	Randolph
Davis Colliery Co.	Coalton	Randolph
Davis Colliery Co.	Harding	Randolph
W. H. Green	Weaver	Randolph
The J. B. Jenkins Coal & Coke Co.	Mabie	Randolph
West Virginia Pulp & Paper Co.	Cass	Randolph
Estate of T. B. Davis	Flemington	Taylor
Delmar Coal Co.	Flemington	Taylor
Grafton Coal & Coke Co.	Grafton R. F. D. 6	Taylor
Harrison Coal Co.	Rosemont	Taylor
Maryland Coal Co. of West Virginia	Wendel	Taylor
McGraw Coal Co.	Simpson	Taylor
Pittsvein Coal Co.	Flemington	Taylor
Rosemont Coal Co.	Rosemont	Taylor
Sterling Coal Co. Ltd.	Cecil	Taylor
Winona Coal & Coke Co.	Grafton	Taylor
J. Calvin Cooper	Davis	Tucker
Cumberland Coal Co.	Albert	Tucker
The Davis Coal & Coke Co.	Thomas	Tucker
The Davis Coal & Coke Co.	Ben Bush	Tucker
The Davis Coal & Coke Co.	Pierce	Tucker
Buckhannon River Coal & Coke Co.	Adrian	Upshur
Red Rock Fuel Co.	Red Rock	Upshur
East Lynn Coal Co.	East Lynn	Wayne
Mead-Pocahontas Coal Co.	Tralee	Wyoming
Mullens Smokeless Coal Co.	Mullens	Wyoming
Trace Fork Coal Co.	Mullens	Wyoming
Virginian Smokeless Fuel Co.	Williams	Wyoming
Wyoming Coal Co.	Wyco	Wyoming
Sabine Smokeless Coal Co.	Otsego	Wyoming

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		BARBOUR COUNTY			
1	Third	Boat Run Coal Co	Boat Run No 1	Drift	Arden, W. Va.
2	Third	Century Coal Co., The	Century No. 1	Shaft	Century
3	Third	Century Coal Co., The	Century No. 2	Drift	Century
4	Third	Consolidation Coal Co., The	No. 37	Drift	Berryburg
5	Third	Davis Colliery Co	Junior No. 4	Drift	Junior
6	Third	Davis Coal & Coke Co., The	Dartmoor No. 4	Slope	Dartmoor
7	Third	Guage Coal & Coke Co	Sarah	Drift	Junior
8	Third	Grafton Fuel Co	Lillian	Drift	Lillian
9	Third	Humphreys Coal Co	Humphreys	Slope	Philippi
10	Third	Luella Coal & Coke Co	Luella	Drift	Arden
11	Third	Lee J Sandridge Coal Co	Meriden No. 1 and No. 2	Drift	Meriden
		BOONE COUNTY			
12	Sixth	Anchor Coal Co	Anchor	Drift	Highcoal
13	Sixth	Big Eagle Mining Co	Big Eagle	Shaft	Ottawa
14	Sixth	Coal River Co., The	Coal River	Drift	Ottawa
15	Sixth	Hickory Ash Coal Co., The	Hickory Ash	Drift	Sterling
16	Sixth	Horse Creek Block Coal Co	Opal No. 1	Drift	Woodville
17	Sixth	Peytona Block Coal Co.	Peytona Block	Drift	Peytona
18	Sixth	Seng Creek Coal Co	Seng Creek	Drift	Whitesville
19	Sixth	Spruce River Coal Co., The	Ramage No. 2	Drift	Ramage
20	Sixth	Webb Coal Mining Co	Ferndale.	Drift	Garrison
		BRAXTON COUNTY			
21	Fifth	Copen Creek Coal Co., The	Vanwith	Drift	Bower
22	Fifth	Davis Colliery Co	No. 10-3-7	Drift	Bower
23	Fifth	Davis Colliery Co	No. 11	Drift	Bower
		BROOKE COUNTY			
24	First	Clifton Coal Co	Clifton No. 1	Drift	Cliftonville
25	First	LaBelle Iron Works	LaBelle	Shaft	Steubenville, O.
26	First	Richland Block Coal Co	Beech Bottom	Drift	Wellsburg
27	First	W. Va. Pittsburg Coal Co	Locust Grove No. 1	Drift	Wellsburg
28	First	W. Va. Pittsburgh Coal Co	Gilchrist No. 3	Drift	Wellsburg
29	First	W. Va. Pittsburgh Coal Co	LaBelle No. 4	Drift	Wellsburg
		CLAY COUNTY			
30	Fifth	Elk River Coal & Lumber Co	Rich Run	Drift	Widen
31	Fifth	Elliott Splint Coal Co., The	York No. 1	Drift	Clay
32	Fifth	Queen Shoals Coal Co	Burnzwell	Drift	Queen Shoals
		FAYETTE COUNTY			
33	Eighth	Aileen Coal Co	Aileen	Drift	Keeney's Creek
34	Eighth	Ajax Coal Co	Ajax	Drift	Fayette
35	Eighth	Babcock Coal & Coke Co	No. 3 and No. 4	Drift	Cliff Top.
36	Eighth	Ballinger Coal Co	Ballinger No. 1	Drift	Winona
37	Eighth	Beechwood Coal & Coke Co	Nos. 1 and 2	Drift	Claremont
38	Eighth	Beury Bros. Coal & Coke Co	Echo	Drift	Beury
39	Eighth	Big Bend Coal Co	Big Bend	Drift	Dimmock
40	Fifth	Boomer Coal & Coke Co	No. 2 North	Drift	Boomer
41	Fifth	Boomer Coal & Coke Co	No. 2 South	Drift	Boomer
42	Fifth	Boomer Coal & Coke Co	No. 4	Drift	Boomer
43	Fifth	Boomer Coal & Coke Co	No. 5	Drift	Boomer
44	Eighth	Blume, G. M. Estate	Fayette	Drift	Fayette
45	Eighth	Blume Coal & Coke Co	Blume	Drift	Lookout
46	Eighth	Branch Coal & Coke Co	Elverton	Drift	Elverton
47	Eighth	Brown Coal Co	Brown	Drift	Nuttallburg
48	Fifth	Cannelton Coal & Coke Co	Cannelton No. 2	Drift	Cannelton
49	Fifth	Cannelton Coal & Coke Co	Cannelton No. 3	Drift	Cannelton
50	Fifth	Cannelton Coal & Coke Co	Cannelton No. 4	Drift	Cannelton
51	Ninth	Collins Colliery Co	Collins	Drift	Glen Jean
52	Fifth	Columbus Iron & Steel Co	No. 1	Drift	Marting
53	Seventh	Christian Colliery Co	Christian No. 1	Drift	Mahan
54	Seventh	Christian Colliery Co	Powellton	Drift	Mahan
55	Eighth	Deitz Colliery Co	Deitz	Drift	Wyndal
56	Ninth	Dun Glen Coal Co. (W. E. Deegan Rec.)	Dun Glen	Drift	Thurmond
57	Ninth	Dunn Loop Coal & Coke Co	Dunn Loop	Drift	Dunn Loop
58	Eighth	Elmo Mining Co., The	Elmo	Drift	Elmo
59	Eighth	Ephraim Creek Coal & Coke Co	Buffalo & Slater	Drift	Thayer
60	Seventh	Eureka Coal Company	Eureka No. 2	Drift	Donwood
61	Eighth	Export Coal Co	Export	Drift	Export

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
J. A. Hoffman	E. H. Mitchell	Upper Freeport	6- 0	Fan	56	1
John Phillips	W. H. Watkeys	Redstone	5- 6	Fan	257	2
John Phillips	H. G. Mundy	Redstone	5- 6	Fan	112	3
W. W. Ferguson	Lee Cotrill	Pittsburg	7- 8	Fan	222	4
W. S. Wilson	W. S. Wilson	Kittanning	5- 6	Fan	89	5
H. H. Harrison	George Adams	Kittanning	6- 0	Fan	166	6
H. C. Haskins	H. C. Haskins	Upper Freeport	5- 0	Fan	36	7
W. W. Brydon	J. W. Marteny	Freeport	6- 0	Fan	52	8
A. D. Woodford	J. M. Swick	Freeport		Fan	45	9
Herbert M. Crawford	J. H. Robinson	Freeport	6- 0	Fan	32	10
Lee J. Sandridge	H. D. Hurshman	Freeport	6- 0	Fan	65	11
G. H. Hornickel	Thos. Green	Anchor	7- 0	Fan	118	12
Jas. Clark	Isaac Pater	Eagle	5- 4	Fan	15	13
J. M. Moore	C. E. Zwilling	Big Eagle	5- 6	Fan	86	14
Grant McGhee	J. E. Campbell	No 2 Gas	4- 0	Fan	83	15
Chas. Milligan	Alex Geenter	Kanawha No. 5	4- 6	Fan	36	16
John H. Walker	R. A. Sneed	No. 2 Gas	3- 2	Fan	72	17
C. C. Lovett	Geo. W. Spradling	Coalburg	4- 2	Fan	114	18
J. B. Ramage	W. A. Stuart	No. 1 Gas	4- 8	Fan	95	19
John Holmes	Robt. Walker	Acme	7- 8	Fan	63	20
A. J. Salzer	H. H. Pierce	Pittsburgh	6- 0	Fan	54	21
Thos. Davies	P. J. Stanton	Pittsburgh No. 8	7- 0	Fan	124	22
Thos. Davies	Geo. Montoney	Pittsburgh No 8	8- 0	Fan	35	23
A. G. Hunt	D. H. Thomas	Pittsburgh	4-10	Fan	149	24
R. W. McCasland	Geo. B. Anderson	Lower Freeport	3- 3	Fan	158	25
J. P. Leonard	Wm. Boring	Pittsburgh	5- 4	Fan	246	26
R. Z. Virgin	S. P. Stevens	Pittsburgh	5- 0	Fan	263	27
J. A. Smith	J. A. Smith	Pittsburgh	4- 6	Fan	89	28
	John McMahon	Pittsburgh	4- 6	Fan	192	29
R. T. Price	Wm. Hornsby	Kanawha No. 5	6- 0	Fan	271	30
	H. E. Taylor	Winifrede	8- 0	Fan	97	31
W. R. Morris	H. Y. Tucker	No. 5	4- 0	Furnace	33	32
	Wm. Farrell	Sewell	3- 4	Natural	45	33
A. Carver	Newton Elkins	Sewell	3- 0	Fan	47	34
W. L. Herndon	W. E. Moore	Sewell	3- 0	Fan	121	35
	H. T. Bragg					
Geo. Holland	John Ohlinger	Sewell	3- 8	Fan	96	36
E. L. Hawley	R. B. Hanna	Fire Creek	4- 6	Fan	140	37
	J. O'Daniels					
	W. L. McDaniels	Fire Creek & Sewell	4- 4	Fan	121	38
J. H. Dempsey	Rufus Rigsby	Fire Creek	3- 0	Fan	29	39
T. H. Hudy	John Hudy	Eagle	6- 0	Fan	372	40
T. H. Hudy	John Long	Eagle	6- 0	Fan	262	41
T. H. Hudy	John Elswick	No. 2 Gas	5- 0	Fan	200	42
T. H. Hudy	Park Stone	No. 2 Gas	5- 0	Fan	101	43
	Ed. Simms	Sewell	3- 0	Fan	43	44
D. W. Boone	S. J. Bays	Sewell	3- 8	Fan	100	45
W. R. J. Zimmerman	G. L. Moran	Sewell	4- 0	Fan	90	46
J. A. Boone	J. R. Fraser	Sewell	4- 0	Fan	117	47
Henry Deem	W. H. Thompson	No. 2 Gas	6- 5	Fan	462	48
Henry Deem	Jess Gardner	No. 1 Gas	4- 2	Fan	40	49
Henry Deem	Frank Selby	No. 2 Gas	5- 0	Fan	120	50
Thos. B. Thomas	Henry Blake	Sewell		Fan	141	51
J. D. Jones	M. DePorter	Kanawha Gas	5- 0	Fan	200	52
F. H. Morton	G. T. Wall	Eagle	5- 4	Fan	128	53
F. H. Morton	G. T. Wall	Powelton	4- 0	Fan	24	54
T. A. Deitz	L. D. Moran	No. 2 Gas	4- 0	Furnace	35	55
Geo. Bland	Geo. Bland	Sewell	5- 3	Air Shaft	25	56
John Porter	John R. Porter	Sewell	5- 6	Fan	325	57
C. A. Brockman	Jno. Dower	Sewell	2-10	Fan	45	58
Wm. Warner	Elmer Bretzman	Fire Creek	4- 0	Fan	205	59
Edward Fluke	Wm. Elswiek	No. 5 Splint	7- 0	Fan	32	60
H. B. Clarkson	C. B. Stewart	Fire Creek	3- 2	Fan	69	61

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		FAYETTE CO.—Continued			
62	Eighth	Fire Creek Coal & Coke Co.	Buffalo	Drift	Fire Creek
63	Eighth	Fort Defiance Coal & Coke Co.	Fort Defiance	Drift	Fort Defiance
64	Eighth	Gauley Mountain Coal Co., The	Buck Run	Drift	Jodie
65	Eighth	Gauley Mountain Coal Co., The	Nova Scotia & Turkey Crk.	Drift	Ansted
66	Eighth	Gaymont Coal Co.	Gaymont	Drift	Elmo
67	Eighth	Greenwood Coal Co.	Greenwood	Drift	Lawton
68	Eighth	Evans & Sons	Great Kanawha	Drift	Mt. Carbon
69	Ninth	Harvey Coal & Coke Co.	Harvey	Drift	Harvey
70	Eighth	Hemlock Hollow Coal & Coke Co.	Hemlock	Drift	Lawton
71	Ninth	Hindson Coal Co.	Dun Glen	Drift	Thurmond
72	Fifth	Johnson Coal Co., W. R.	Oakland	Drift	Smithers
73	Eighth	Keeneys Creek Colliery Co.	Boone	Drift	Boone
74	Eighth	Keeneys Creek Colliery Co.	Smokeless	Drift	Winona
75	Ninth	Laura Mining Co.	Laura	Drift	Red Star
76	Eighth	Laurel Creek Coal Co.	Laurel	Drift	Laurel Creek
77	Eighth	Lookout Coal & Coke Co.	Lookout	Slope	Lookout
78	Ninth	Long Branch Coal Co.	No. 2	Drift	Long Branch
79	Eighth	Loup Creek Colliery Co.	Loup Creek No. 2	Drift	Page
80	Eighth	Low Moor Iron Co. of Va., The	Kay Moor No. 1	Drift	Kaymoor
81	Eighth	Low Moor Iron Co. of Va., The	Kay Moor No. 2	Drift	Kaymoor
82	Eighth	Lunchburg Colliery Co.	No. 2 Gas	Drift	Vanetta
83	Eighth	M. B. Coal & Coke Co.	Elk Ridge No. 1	Drift	Elkridge
84	Eighth	M. B. Coal & Coke Co.	Elk Ridge No. 2	Drift	Elkridge
85	Eighth	M. B. Coal & Coke Co.	Kimberly No. 3	Drift	Kimberly
86	Eighth	M. B. Coal & Coke Co.	Columbia No. 5	Drift	Kimberly
87	Ninth	Macdonald Colliery Co.	Macdonald	Drift	Macdonald
88	Ninth	Meadow Fork Coal Co.	Meadow Fork	Drift	Newlyn.
89	Ninth	McKell Coal & Coke Co.	Derryhale	Drift	Derryhale
90	Ninth	McKell Coal & Coke Co.	Kilsyth	Drift	Kilsyth
91	Eighth	Michigan Coal Co.	Michigan	Drift	Fayette
92	Eighth	Midvale Colliery Co.	Midvale	Drift	Gamoca
93	Eighth	Milburn Coal Co.	Milburn No. 1	Drift	Milburn
94	Eighth	Mill Creek Colliery Co.	Mill Creek	Drift	Ansted
95	Ninth	Mt. Hope Coal & Coke Co.	Baby	Drift	Mt. Hope
96	Eighth	Mt. Carbon Co. Limited, The	Vulcan	Drift	Powellton
97	Ninth	Newlyn Coal Co.	Newlyn	Drift	Newlyn
98	Ninth	New River Collieries Co.	Sun Nos. 1 and 2	Sl.–Sh.	Sun
99	Eighth	New River & Poca. Cons. Coal Co.	Layland Nos. 1, 2, 3	Drift	Layland
100	Eighth	New River & Poca. Cons. Coal Co.	Minden No. 2	Drift	Minden
101	Eighth	New River & Poca. Cons. Coal Co.	Minden No. 3	Drift	Minden
102	Eighth	New River & Poca, Cons. Coal Co.	Minden No. 4	Drift	Minden
103	Eighth	New River & Poca. Cons. Coal Co.	Minden No. 5	Drift	Minden
104	Eighth	New River & Poca. Cons. Coal Co.	Weirwood	Shaft	Pax
105	Ninth	Nichol Colliery Co.	Nichol	Slope	Glen Jean
106	Eighth	Nuttallburg Smokeless Fuel Co.	Nuttallburg	Drift	Nuttallburg
107	Ninth	Prudence Coal Co.	Prudence, Lyman Nos. 1, 2, 3 and Jones Nos. 2, 3	Drift	Prudence
108	Eighth	Quinnimont Coal Co.	Big "Q"	Drift	Lawton
109	Eighth	Ridgeview Coal Co.	Ridgeview	Drift	Thayer
110	Eighth	River Valley Colliery Co.	Bachman	Drift	Hawks Nest
111	Eighth	Rock Lick Coal Co.	Concho No. 1, Erskine No. 2	Drift	Concho
112	Eighth	Rothwell Coal Co.	Dubree	Drift	Dubree
113	Eighth	Scotia Coal & Coke Co.	Brooklyn	Drift	Finlow
114	Eighth	Scotia Coal & Coke Co.	Red Ash	Drift	Rush Run
115	Eighth	Scotia Coal & Coke Co.	Rush Run	Drift	Rush Run
115½	Eighth	Scotia Coal & Coke Co.	Once More	Drift	Rush Run
116	Eighth	Sewell Colliery Co.	Sugar Camp	Drift	Caperton
117	Eighth	Signal Knob Coal Co.	Signal Knob	Drift	Ansted
118	Seventh	Solvay Collieries Co.	No. 1 Eagle, No. 1 Powellton	Drift	Westerly
119	Seventh	Solvay Collieries Co.	Kingston Nos. 1, 2, 3, 4, 5	Drift	Kingston
120	Eighth	St. Clair Colliery Co.	St. Clair & Archer	Drift	Eagle
121	Ninth	Star Coal & Coke Co., The	Star	Drift	Red Star
122	Eighth	South Side Company	South Side	Drift	Caperton
123	Eighth	Stone Cliff Coal & Coke Co.	Stone Cliff	Drift	Stone Cliff
124	Ninth	Stuart Colliery Co.	Lochgelly	Shaft	Lochgelly
125	Ninth	Stuart Colliery Co.	Summerlee	Shaft	Summerlee
126	Ninth	Sugar Creek Coal & Coke Co.	Sugar Creek	Drift	Mt. Hope
127	Fifth	Sunday Creek Coal Co.	No. 111	Drift	Carbondale
128	Fifth	Sunday Creek Coal Co.	No. 112	Drift	Carbondale
129	Fifth	Sunday Creek Coal Co.	No. 114	Drift	Longacre
130	Fifth	Sunday Creek Coal Co.	No. 116	Drift	Harewood
131	Ninth	Turkey Knob Coal Co.	Turkey Knob	Drift	Macdonald
132	Ninth	White Oak Fuel Co.	Carlisle	Shaft	Carlisle

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
H. H. Blackburn	Chas. Walters	Fire Creek	3- 6	Fan	78	62
Guy J. Cottrell	J. W. Rhodes	No. 2 Gas	4- 0	Furnace	64	63
E. L. Morris	Galford Williams	No. 2 Gas	4- 0	Furnace	50	64
R. C. Taylor	J. A. Martin	No. 2 Gas	4- 6	Fan	260	65
C. A. Brockman	Joe Tuck	Sewell	2- 6	Furnace	10	66
W. A. Brown	H. C. Peters, Wm. Hunt	Fire Creek	4- 0	Fan	145	67
Zack Evans	Zack Evans	No. 2 Gas and No. 1 Eagle	4- 4 2- 8	Natural	20	68
John Whitehead	Jos. M. McCauley	Sewell	4- 6	Fan	218	69
J. A. Brown	D. S. Brown	Fire Creek	3-10	Fan	69	70
J. F. Hindson	J. F. Hindson	Sewell	4- 0	Natural	19	71
	Oscar Spencer	No. 2 Gas	4- 6	Fan	84	72
J. Wade Bell	H. B. Conway	Sewell	3- 0	Fan	102	73
J. Wade Bell	Thos. Seacrist	Sewell	3- 6	Fan	130	74
Thos. Nichol	A. L. Nelson	Sewell	5- 6	Fan	19	75
E. E. Lawton	J. A. Atkinson	Fire Creek	3- 6	Fan	65	76
D. W. Boone	D. B. Ross	Nuttall	3-10	Fan	63	77
L. Graney	J. W. Warren	Peerless	5- 9	Fan	130	78
D. S. Dooley	W. E. Wilson	Kanawha No. 2 Gas	5- 0	Fan	384	79
G. H. Esser	A. B. Reese	Sewell	3- 6	Fan	195	80
G. H. Esser	Steve Framm	Sewell	3- 0	Fan	47	81
T. A. Deitz	J. C. Grisinger	No. 2 Gas	3- 6	Fan	43	82
L. C. Tippett	Lewis Hornsby	Powellton	5- 6	Fan	92	83
L. C. Tippett	W. D. Lee	Powellton	5- 6	Fan	103	84
L. C. Tippett	L. M. Payne	No. 2 Gas	4- 4	Fan	83	85
L. C. Tippett	Walter Gill	No. 5 Block	5- 6	Fan	62	86
John Porter	J. B. Watson	Sewell	5- 0	Fan	86	87
Edward Thomas	Hogue Meadows	Loup Creek	3- 6	Furnace	55	88
J. M. Hastings	Wm. Cochran	Sewell	5- 6	Fan	66	89
H. H. O'Neal	Thos. Morgan	Sewell	5- 6	Fan	132	90
Jas. D. Boone	D.H. Stull	Nuttall Smokeless	3- 0	Fan	47	91
T. A. Deitz	C. H. Workman	No. 5 Splint	6- 0	Fan	88	92
	G. B. Smedley	Eagle	7- 0	Fan	127	93
R. H. Massey	Harry Smith	Sewell	3- 0	Fan	60	94
A. D. Moseley	J. M. Price	Sewell	5- 6	Fan	56	95
W. Ewart James	R. E. Thompson	Powellton	5- 6	Fan	112	96
H. P. Thomas	H. P. Thomas	Fire Creek	2- 3	Fan	41	97
M. E. Kent	Thos. Mackey	Sewell	4- 6	Fan	340	98
O. A. Knerr	L. J. Nahodil	Fire Creek	3- 8	Fan	343	99
J. Clapperton, Jr.	J. W. Forbes	Sewell	4- 4	Fan	175	100
J. Clapperton, Jr.	John Stewart	Sewell	4- 4	Fan	218	101
J. Clapperton, Jr.	W. Rothwell	Sewell	3- 8	Fan	231	102
J. Clapperton, Jr.	Geo. Watkey	Sewell	3-10	Fan	200	103
J. Clapperton, Jr.	John Lindley	Sewell	3- 0	Fan	175	104
Stanley Spoor	T. T. Lewis	Sewell	5- 6	Fan	70	105
Wm. Brown	A. R. Jones	Sewell	3- 8	Fan	90	106
John Whitehead	Emmett Lively	Sewell	4- 4	Fan	158	107
W. D. Rader	Edward Gordon	Fire Creek	4- 0	Fan	93	108
C. A. Brockman	S. P. Harris	Fire Creek	3- 0	Fan	28	109
D. W. Boone	W. R. Colter	Nuttall	3- 6	Fan	50	110
Gilbert Smith	Benj. Wilkshire	Sewell-Fire Creek	4- 0	Fan	158	111
H. H. Rothwell	Chas. Higgins	Sewell	3- 8	Fan	47	112
H. A. Mosely	Fred Platzer	Sewell	4- 0	Fan	83	113
G. H. Caperton, Jr.	Geo. Thurborn	Fire Creek	5- 6	Fan	29	114
G. H. Caperton, Jr.	R. J. Morton	Fire Creek	5- 6	Fan	40	115
G. H. Caperton, Jr.	R. J. Morton	Fire Creek	5- 6	Fan	48	115½
D. W. Boone	T. G. Hall	Sewell	4- 0	Fan	106	116
R. H. Massey	R. A. Forloine	No. 2 Gas	5- 0	Fan & Furnace	35	117
H. A. Hereford	W. B. Judson	Big Eagle	7- 0	Fan	123	118
Harry S. McKalip	C. R. Turner, W. D. Nunn	Eagle	6- 0	Fan	391	119
John Connell	Chas. Parker, Ed. Forbes	Eagle No. 1, Kan. No. 5	5- 6	Fan & Furnace	133	120
D. Evendoll	P. B. Evendoll	Sewell	5- 0	Fan	175	121
H. A. Moseley	W. E. Morton	Sewell	3- 8	Fan	89	122
J. H. Dempsey	John Harris	Sewell	3- 6	Fan	51	123
Jos. L. Osler	Thos. H. Wilding	Sewell	4- 4	Fan	156	124
Jos. L. Osler	R. J. Wood	Sewell	4- 4	Fan	166	125
Enoch Smith	Allen Hoofer	Sewell	5- 0	Fan	70	126
W. F. Mandt	Lee Jenkins	No. 2 Gas	4- 7	Fan	189	127
W. F. Mandt	R. C. Martin	No. 2 Gas	5- 0	Fan	241	128
W. F. Mandt	W. T. Martin	No. 2 Gas	5- 0	Fan	331	129
W. F. Mandt		No. 1 Eagle	6- 0	Fan	78	130
J. E. Beury	J. L. Hoffman	Sewell	6- 0	Fan	214	131
Jno. Black	Owen Fitzpatrick	Sewell	4- 0	Fan	178	132

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		FAYETTE CO.—Continued			
133	Ninth....	White Oak Fuel Co..........	Scarbro & Wingrove.........	Shaft...	Scarbro
134	Ninth....	White Oak Fuel Co..........	Whipple....................	Shaft...	Whipple
135	Ninth....	Willis Branch Coal Co..........	Willis Branch..............	Drift...	Herberton
		GILMER COUNTY			
136	Fifth.....	Gilmer Fuel Co.	Gilmer.....................	Drift...	Gilmer
137	Fifth.....	Katherine Coal Co..........	Katherine..................	Drift...	Gilmer
138	Fifth.....	McCaa Coal Co..........	McCaa......................	Drift...	Gilmer
		GRANT COUNTY			
139	Fourth...	Buffalo Creek Cumberland Coal Co.......	No. 1......................	Drift..	Bayard, W. Va.
140	Fourth...	Davis Coal & Coke Co., The	No. 22.....................	Shaft...	Henry
141	Fourth...	Jordon, S. H..........	Cottage Street.............	Drift...	Bayard
		GREENBRIER COUNTY			
142	Fifth.....	Elk Lick Coal Co...	Spruce Knob................	Drift...	Richwood
		HARRISON COUNTY			
143	Second...	Antler Coal Co..........	Katherine..................	Drift...	Lumberport
144	Second...	Byron Coal Co..........	Althea..	Drift...	Mt. Clare
145	Second...	Blue Ridge Coal Co. (D. Howard, Recr.)...	Thompson...................	Drifft..	Clarksburg
146	Second...	Blue Ridge Coal Co. (D. Howard, Recr.)...	Thompson	Drift...	Clarksburg
147	Second ..	Calif Coal Company..........	Calif	Drift...	Lost Creek
148	Second...	Central Fairmont Coal Co..........	Snake Hill.................	Drift...	Clarksburg
149	Second...	Clarksburg Coal Mining Co..........	Florida....................	Slope...	Clarksburg
150	Second...	Consolidation Coal Co., The..........	No. 21.....................	Slope...	Gypsy
151	Second...	Consolidation Coal Co., The..........	No. 23.....................	Drift...	Haywood
152	Second...	Consolidation Coal Co., The..........	No. 25.....................	Slope...	Clarksburg
153	Second...	Consolidation Coal Co., The..........	No. 27.....................	Drift...	Glen Falls
154	Second...	Consolidation Coal Co., The..........	No. 29.....................	Slope...	Clarksburg
155	Second...	Consolidation Coal Co., The..........	No. 32.....................	Drift...	Shinnston
156	Second...	Consolidation Coal Co., The..........	No. 33.....................	Drift...	Glen Falls
157	Second...	Consolidation Coal Co., The..........	No. 35.....................	Drift...	Clarksburg
158	Second...	Consolidation Coal Co., The..........	No. 39.....................	Drift...	Lewis
159	Second...	Consolidation Coal Co., The..........	No. 40.....................	Drift...	Viropa
160	Second...	Consolidation Coal Co., The	No. 42.....................	Slope...	Shinnston
161	Second...	Consolidation Coal Co., The..........	No. 44.....................	Drift...	Lewis
162	Second...	Consolidation Coal Co., The..........	No. 48.....................	Drift...	Glen Falls
163	Second...	Consolidation Coal Co., The..........	No. 50.....................	Drift...	Adamston
164	Second...	Consolidation Coal Co., The..........	No. 51.....................	Slope...	Shinnston
165	Second...	Consolidation Coal Co., The..........	No. 52.....................	Slope...	Clarksburg
166	Second...	Consolidation Coal Co., The..........	No. 54.....................	Drift...	Haywood
167	Second...	Consolidation Coal Co., The..........	No. 55.....................	Drift...	Meadowbrook
168	Second...	Consolidation Coal Co., The..........	No. 58.....................	Drift...	Clarksburg
169	Second...	Consolidation Coal Co., The..........	No. 60.....................	Drift...	Lewis
170	Second...	Consolidation Coal Co., The..........	No. 62.....................	Drift...	Adamston
171	Second...	Consolidation Coal Co., The..........	No. 64.....................	Drift...	Lewis
172	Second ..	Consolidation Coal Co., The..........	No. 65.....................	Slope...	Shinnston
173	Second...	Consolidation Coal Co., The..........	No. 66.....................	Slope...	Shinnston
174	Second...	Corona Coal & Coke Co..........	Harold.....................	Drift...	Clarksburg
175	Second...	Fairmont & Baltimore Coal & Coke Co.....	Fairmore...................	Drift...	Adamston
176	Second...	Fairmont & Clarksburg Coal Co..........	Phoenix....................	Slope...	Reynoldsville
177	Second...	Francois Coal & Coke Co..........	Norwood....................	Slope...	Clarksburg
178	Second...	Harry B. Coal & Coke Co..........	Pitcairn...................	Drift...	Clarksburg
179	Second...	Hygrade Coal Co..........	Page.......................	Drift...	McWhorter
180	Second...	Haywood Coal Mining Co..........	Monroe.....................	Drift...	Shinnston
181	Second...	Hutchinson Coal Co..........	Delta......................	Drift...	Reynoldsville
182	Second...	Hutchinson Coal Co..........	Erie Nos. 1 and 2..........	Drift...	Hepzibah
183	Second...	Hutchinson Coal Co..........	Florence...................	Drift...	Mt. Clare
184	Second...	Hutchinson Coal Co..........	Girard Nos. 1 and 2........	Drift...	Dola
185	Second...	Hutchinson Coal Co..........	Hutchinson Nos. 2 & 3.......	Drift...	Mt. Clare
186	Second...	Hutchinson Coal Co..........	McCandlish.................	Drift...	Meadowbrook
187	Second...	Hutchinson Coal Co..........	York.......................	Drift...	Reynoldsville
188	Second...	Johnson-McIntire Coal Co..........	Gilbert....................	Drift...	Rosebud
189	Second...	Klinefelter & Company, J. S..........	Page.......................	Drift...	McWhorter
190	Second...	Lambert Run Coal Co..........	Clauson....................	Drift...	Meadowbrook
191	Second...	Long Coal Co., J. E..........	Burke......................	Drift...	Clarksburg
192	Second...	Madeira-Hill-Clark Coal Co..........	Goff.......................	Drift...	Wilsonburg
193	Second...	Madeira-Hill-Clark Coal Co..........	Randolph...................	Drift...	Wilsonburg
194	Second...	Madeira-Hill-Clark Coal Co..........	Waldo......................	Drift...	Wilsonburg
195	Second...	Marion Gas Coal Co..........	Bingamon...................	Drift...	Enterprise
196	Second...	Marshall Coal Co..........	Marshall...................	Drift...	Mt. Clare
197	Second...	Monongah Fuel Co..........	Gallihue...................	Drift...	Fairmont

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
Jos. Roncoglione	J. H. Davis	Sewell	3- 9	Fan	279	133
Jno. Black	J. K. Hobaugh	Sewell	3-10	Fan	117	134
A. J. O'Neal	Joe. Mulligan	Long Branch	6- 0	Furnace	84	135
	W. Mathena	Pittsburgh	7- 0	Fan	78	136
F. M. Murphy	F. M. Murphy	Pittsburgh	7- 0	Furnace	13	137
J. M. Campbell	J. B. Hanson	Pittsburgh	6- 6	Fan	36	138
R. D. Waddell	R. D. Waddell	Davis & Lower Kittanning	7- 0	Fan	60	139
B. W. McClure	J. P. Towson	Freeport	3- 6	Fan	143	140
J. T. Jordon	J. T. Jordon	Lower Freeport	5- 0	Furnace	9	141
H. W. Armstrong	H. P. Jones	Sewell	4- 0	Fan	30	142
U. N. Arnett	Joe Reynolds	Pittsburgh	8- 6	Fan	38	143
P. P. Gannon	O. P. Kirkendell	No. 8	9- 5	Fan	61	144
U. B. Blakesmith		Pittsburgh	8- 0	Natural	14	145
U. B. Blakesmith	U. B. Blakesmith	Pittsburgh No. 8	6- 0	Natural	15	146
W. J. Leisenning	Jno. T. Bulmer	Red Stone	6- 0	Fan	60	147
Fred Howard	Mike Jennings	Pittsburgh No. 8	9- 6	Fan	55	148
Wayne B. Homer	J. J. Sharfeneker	Pittsburgh	7- 0	Fan	30	149
D. A. Reed	L. C. Dent	Pittsburgh	7- 6	Fan	268	150
Lowell Childs	Robt. Donlin	Pittsburgh	6- 7	Fan	22	151
Luke Murray	Thos. Pollock	Pittsburgh	7- 6	Fan	257	152
A. C. Ice	I. L. Martin	Pittsburgh	7- 8	Fan	88	153
Luke Murray	W. P. Jennings	Pittsburgh	7- 8	Fan	165	154
C. H. Higginbotham	J. K. Walters	Pittsburgh	7- 7	Fan	302	155
A. C. Ice	M. A. Haley	Pittsburgh	7- 8	Fan	38	156
Luke Murray	Clyde Vanpelt	Pittsburgh	6- 7	Fan	70	157
P. B. Robinson	Nathan McMasters	Pittsburgh	6- 6	Fan	81	158
E. B. Courtney	O. J. Bush	Pittsburgh	7- 8	Fan	294	159
J. H. Nuzum	C. L. King	Pittsburgh	6- 7	Fan	86	160
P. B. Robinson	Nathan McMasters	Pittsburgh	6- 0	Fan	33	161
A. C. Ice	I. A. Martin	Pittsburgh	7- 8	Fan	95	162
	A. A. Evans	Pittsburgh	6- 7	Fan	68	163
J. H. Nuzum	B. F. Freeman	Pittsburgh	7- 8	Fan	209	164
Luke Murray	George Rutter	Pittsburgh	7- 8	Fan	85	165
Lowell Childs	El. Tucker	Pittsburgh	6- 7	Fan	191	166
Thos. Jarrett, Jr.	Robt. H. Kann	Pittsburgh	7- 8	Fan	170	167
Luke Murray	M. J. Rooney	Pittsburgh	7- 8	Fan	40	168
P. B. Robinson	J. N. Matheny	Pittsburgh	6- 6	Fan	31	169
	A. A. Evans	Pittsburgh	7- 7	Fan	80	170
P. B. Robinson	J. L. Thomas	Pittsburgh	7- 0	Fan	49	171
J. H. Nuzum	Geo. R. Cook	Pittsburgh	7- 8	Fan	61	172
C. H. Higginbotham	W. E. Shuttleworth	Pittsburgh	7- 8	Fan	142	173
J. E. Clingan	Thos. Horton	Pittsburgh	8- 0	Fan	39	174
A. L. White	Cleio Monk	Pittsburgh	6- 0	Fan & Furnace	72	175
J. M. Orr	George Rutter	Pittsburgh	6- 6	Fan	27	176
Wm. McOlvin	Wm. McOlvin	Pittsburgh	9- 0	Fan	67	177
J. A. Clark, Jr.	Worth Powell	Pittsburgh	6- 6	Fan	139	178
V. O. Eiserman		Red Stone	6- 8	Fan	23	179
Geo. A. Wisser	A. Sturm	Pittsburgh	9- 0	Fan	44	180
W. B. Malone	Jas. Cunning	Pittsburgh	6- 0	Fan	63	181
John Daily	Eli Morris	Pittsburgh	7- 6	Fan	141	182
J. Walter Miller	Oliver McIntyre	Pittsburgh	5- 0	Fan	107	183
A. V. Morgan	C. T. Gandy	Pittsburgh	7- 0	Fan	113	184
C. L. Lutton	O. M. Vanscoy	Pittsburgh	6- 0	Fan	221	185
Jno. Rueter	R. H. McAtee R. W. Drummond	Pittsburgh	7- 0	Fan	188	186
W. B. Malone	Jas. Cummings	Pittsburgh	7- 0	Fan	36	187
J. S. Clark		Pittsburgh No. 8	8- 2	Furnace	24	188
J. S. Klinefelter	V. O. Eiserman	Red Stone & Pittsburgh	6- 0	Fan	29	189
Dorsey Pople	E. F. Worcester	Pittsburgh	7- 0	Fan	85	190
	B. H. Monroe	Pittsburgh	7- 6	Natural	19	191
C. J. Adams	O. J. Fowler	Pittsburgh	7- 6	Fan	65	192
C. J. Adams	A. G. Coburn	Pittsburgh	6- 0	Fan	163	193
C. J. Adams	L. W. Keister	Pittsburgh	7- 6	Fan	69	194
E. P. McOlvin		Pittsburgh	8- 0	Fan	123	195
Jas. A. Jenkins	Wm. Gantz	Pittsburgh	8- 0	Fan	181	196
B. G. Ash	B. G. Ash	Pittsburgh	7- 0	Furnace	29	197

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		HARRISON CO.—Continued			
198	Second	National Coal Co.	National	Drift	Dola
199	Second	Orr Coal Mining Co.	Miller No. 1	Drift	Wilsonburg
200	Second	Orr Coal Mining Co.	Miller No. 2	Drift	Wilsonburg
201	Second	Orr Shields Coal Co.	Phoenix	Slope	Reynoldsville
202	Second	Overholt Coal Co.	Overholt	Slope	Hepzibah
203	Second	Righter Coal & Coke Co.	Righter	Drift	Lost Creek
204	Second	Rosebud Fuel Co.	Rosebud No. 1	Drift	Rosebud
205	Second	Rosebud Fuel Co.	Rosebud No. 2	Drift	Rosebud
206	Second	Taylor Collieries Co.	Taylor No. 1	Drift	Clarksburg
207	Second	Templeton Coal Co.	Fowler No. 2	Drift	Rosebud
208	Second	Vincent Coal Co.	Grasselli	Drift	Clarksburg
209	Second	Virginia Maryland Coal Corporation	Willard Nos. 1, 2, 3	Drift	Shinnston
210	Second	Winchester Coal Co.	Scotch Hill, Winchester	Drift	Enterprise
		KANAWHA COUNTY			
211	Seventh	Belmont Coal Co.	Belmont	Drift	Crown Hill
212	Sixth	Black Band Fuel Co.	No. 1	Drift	Olcott
213	Sixth	Black Band Fuel Co.	No. 2	Drift	Olcott
214	Fifth	Blue Creek Coal & Land Co.	Blakeley No. 2	Drift	Blakeley
215	Fifth	Blue Creek Coal & Land Co.	Blakeley No. 3	Drift	Blakeley
216	Fifth	Blue Creek Coal & Land Co.	Blakeley No. 5	Drift	Blakeley
217	Seventh	Cabin Creek Cons. Coal Co.	Acme	Drift	Acme
218	Seventh	Cabin Creek Cons. Coal Co.	Belleclare	Drift	Decota
219	Seventh	Cabin Creek Cons. Coal Co.	Black Tulip	Drift	Acme
220	Seventh	Cabin Creek Cons. Coal Co.	Buckeye	Drift	Acme
221	Seventh	Cabin Creek Cons. Coal Co.	Caledonia	Drift	Warrior
222	Seventh	Cabin Creek Cons. Coal Co.	Cherokee	Drift	Leewood
223	Seventh	Cabin Creek Cons. Coal Co.	Davis	Drift	Ohley
224	Seventh	Cabin Creek Cons. Coal Co.	Empire	Drift	Acme
225	Seventh	Cabin Creek Cons. Coal Co.	Holly	Drift	Leewood
226	Seventh	Cabin Creek Cons. Coal Co.	Kayford	Drift	Kayford
227	Seventh	Cabin Creek Cons. Coal Co.	Keystone	Drift	Acme
228	Seventh	Cabin Creek Cons. Coal Co.	Quarrier	Drift	Wake Forest
229	Seventh	Cabin Creek Cons. Coal Co.	Racoon No. 1	Drift	Kayford
230	Seventh	Cabin Creek Cons. Coal Co.	Racoon No. 2 East	Drift	Kayford
231	Seventh	Cabin Creek Cons. Coal Co.	Racoon No. 2 West	Drift	Kayford
232	Seventh	Cabin Creek Cons. Coal Co.	Red Warrior	Drift	Warrior
233	Seventh	Cabin Creek Cons. Coal Co.	Rose	Drift	Kayford
234	Seventh	Cabin Creek Cons. Coal Co.	Ruby	Drift	Decota
235	Seventh	Cabin Creek Cons. Coal Co.	Shamrock	Drift	Kayford
236	Seventh	Cabin Creek Cons. Coal Co.	Thistle	Drift	Kayford
237	Seventh	Cabin Creek Cons. Coal Co.	United Gas	Drift	Wevaco
238	Seventh	Cabin Creek Cons. Coal Co.	United Splint	Drift	Wevaco
239	Seventh	Chesapeake Mining Co.	Nos. 1 and 2	Drift	Handley
240	Seventh	Coalburg Colliery Co.	Ronda	Drift	Ronda
241	Seventh	Coalburg-Kanawha Coal Co., The	"A"	Drift	Coalburg
242	Seventh	Coalburg-Kanawha Coal Co., The	"B"	Drift	Coalburg
243	Fifth	Campbell's Creek Coal Co., The	No. 1	Drift	Dana
244	Fifth	Campbell's Creek Coal Co., The	No. 3	Drift	Dana
245	Fifth	Cannelton Coal & Coke Co.	No. 1	Drift	Cannelton
246	Seventh	Carbon Coal Co.	Eagle	Drift	Carbon
247	Seventh	Carbon Coal Co.	Carbon Splint	Drift	Carbon
248	Seventh	Carbon Coal Co.	South Carbon	Drift	Carbon
249	Seventh	Dry Branch Coal Co.	Dry Branch	Drift	Dry Branch
250	Seventh	East Bank Mining Co.	East Bank	Drift	East Bank
251	Seventh	Eureka Coal Co.	Eureka Nos. 1, 3, 4	Drift	Donwood
252	Seventh	Eureka Coal Co.	Eureka No. 6	Drift	Donwood
253	Seventh	Hackett Coal Co.	No. 1	Drift	Cedar Grove
254	Seventh	Imperial Colliery Co.	No. 1	Drift	Burnwell
255	Seventh	Imperial Colliery Co.	No. 2	Drift	Burnwell
256	Seventh	Imperial Colliery Co.	No. 4	Drift	Burnwell
257	Fifth	Householder, Jacob	Pen Mar No. 3	Drift	Big Chimney
258	Seventh	Kanawha River Coal Co.	No. 2 Gas	Drift	Montgomery
259	Fifth	Kelley's Creek Colliery Co.	No. 1	Drift	Ward
260	Fifth	Kelley's Creek Colliery Co.	Nos. 3 and 3½	Drift	Ward
261	Seventh	Lewis Coal & Coke Co.	Lewis No. 2	Drift	Chelyan
262	Seventh	Lewiston Block Coal Co.	Lewiston	Drift	Lewiston
263	Seventh	Marmet Coal Co., The	Black Band	Drift	Marmet
264	Seventh	Marmet Coal Co., The	Monarch	Drift	Monarch
265	Seventh	Marmet Coal Co., The	New Butler	Drift	Marmet
266	Fifth	Mill Creek Cannel Mining Co.	Villa	Drift	Villa
267	Seventh	Montgomery Coal Co.	Kanawha	Drift	Montgomery
268	Fifth	Morris Fork Coal Co.	Turner No. 2	Drift	Heatherman

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
L. B. Brydon	W. C. Swiger	Pittsburgh	6- 1	Furnace	26	198
I. A. Boucher	D. C. Kirby	Pittsburgh	7- 0	Fan	62	199
I. A. Boucher	D. C. Kirby	Pittsburgh	7- 0	Fan	62	200
J. N. Orr	H. Connors	Pittsburgh	6- 6	Fan	28	201
Geo. H. Austin	Tony Starr	Pittsburgh	7- 6	Fan	17	202
W. H. Sandridge	C. L. Stemple	Red Stone & Pittsburgh	5- 6	Fan	94	203
Howard Conner	Howard Conner	Pittsburgh	8- 6	Fan	36	204
Howard Conner	Cam Swiger	Pittsburgh	8- 6	Fan	76	205
D. J. Campfield	Daniel Oldroyd	Pittsburgh	8- 0	Fan	31	206
J. S. Howe		Pittsburgh	9- 1	Furnace	34	207
	L. D. Vincent	Pittsburgh	7- 6	Furnace	34	208
A. L. White	J. T. Westmoreland	Pittsburgh	7- 6	Fan	154	209
John Duckworth	M. D. Satterfield	Pittsburgh	7- 6	Fan	43	210
J. S. Miller	Robt. Mitchell	Coalburg	5- 0	Fan	128	211
H. S. Lingle	Walter Dale	Black Band	3- 0	Fan	80	212
H. S. Lingle	C. E. Griffith	Black Band	4- 0	Fan	60	213
Wm. Crichton, Jr.	H. E. Rowlands	Kanawha No. 5	4- 6	Fan	64	214
Wm. Crichton, Jr.	A. W. Dewitt	Kanawha No. 5	5- 6	Fan	66	215
Wm. Crichton, Jr.	Wm. Crichton, Jr.	Kanawha No. 5	4-10	Fan	10	216
W. A. Otey	E. H. Ohlinger	Winifrede	5- 2	Fan	48	217
H. H. Davis	H. O. Young	No. 2 Gas	4- 5	Fan	75	218
W. A. Otey	John Eads	No. 2 Gas	5- 3	Fan	76	219
W. A. Otey	F. W. Short	No. 2 Gas	4-10	Fan	74	220
W. H. Morris		No. 2 Gas	4- 0	Fan	21	221
W. H. Morris	E. L. Brewer	No. 2 Gas	5- 0	Fan	82	222
D. W. Parker	D. W. Parker	Winifrede	5- 0	Fan	66	223
W. A. Otey	H. Smoot	No. 2 Gas	4- 5	Fan	47	224
W. H. Morris	Jerry Utt	No. 2 Gas	4- 9	Fan	50	225
H. L. Fisher		No. 2 Gas	5- 6	Fan	120	226
W. A. Otey	Chap Cash	No. 2 Gas	4- 9	Fan	26	227
W. H. Morris	Harry Daniels	No. 2 Gas	4-10	Fan	68	228
H. L. Fisher	J. A. Cole	No. 2 Gas	5- 4	Fan	99	229
H. L. Fisher	J. S. Williams	Winifrede	6- 5	Fan	65	230
H. L. Fisher	E. A. Carr	Winifrede	6- 5	Fan	79	231
W. H. Morris	Robt. Miller	No. 2 Gas	4- 6	Fan	47	232
H. L. Fisher	J. A. Bragg	Winifrede	5-10	Fan	86	233
H. H. Davis	A. B Lea	Winifrede	4-11	Fan	75	234
H. L. Fisher	P. L. Rose	No. 2 Gas	5- 3	Fan	131	235
H. L. Fisher	J. M. Burgraff	No. 2 Gas	5- 3	Fan	63	236
J. E. Staton	I. W. Hurt	No. 2 Gas	4- 9	Fan	89	237
J. E. Staton	C. A. Hughes	Winifrede	5-10	Fan	70	238
E. G. Biddison	H. T. Hoge	Kanawha	5- 6	Fan	97	239
Dan Morris	S. W. Smith	Coalburg	5- 0	Fan	161	240
J. A. Willis	G. C. Bailey	Coalburg	6- 0	Fan	59	241
J. A. Willis	G. C. Bailey	Belmont	3- 8	Fan	91	242
W. V. Rensford	Andrew Calderwood	No. 5	4- 6	Fan	293	243
W. V. Rensford	Andrew Calderwood	No. 5	4- 5	Fan	107	244
Henry Decm	Thos. Cunniugham	No. 2 Gas	6- 6	Fan	398	245
T. R. Johns	A. T. Gearhart	Eagle	4- 6	Fan	52	246
T. R. Johns	Chas. Sennett	Coalburg	6- 3	Fan	98	247
T. R. Johns	J. E. Lessun	No. 2 Gas	5- 8	Fan	58	248
Neal Slack	Chris Ballet	Coalburg	4-10	Fan	107	249
A. M. Howery	Edward Clark	Cedar Grove	2-10	Furnace	26	250
Edward Fluke	John Filbin	No. 2 Gas	8- 0	Fan	47	251
Edward Fluke	J. L. Mnrphy	No. 2 Gas	7- 0	Fan	51	252
Samuel Hackett	Jas. P. Martin	No. 5 Block	5- 6	Natural	20	253
F. H. Morton	L. R. Howell	Eagle	5- 6	Fan	97	254
F. H. Morton	M. D. Bouldin	Eagle	5- 2	Fan	97	255
F. H. Morton	C. E. Montgomery	No. 2. Gas	6- 0	Fan	32	256
Jacob Householder	S. T. Hoge	Kanawha No. 5	4- 6	Fan	10	257
A. B Thompson	A. B. Thompson	No. 2 Gas	4- 6	Fan	12	258
C. C. Greesang	H. E. Vaughan	Coalburg	5- 6	Fan	118	259
C. C. Greesang	J. T. Shearer	Coalburg	5- 6	Fan	190	260
W. W. Lewis	R. M. O'Dell	Lewiston	4- 0	Fan	75	261
L. M. Peck	W. M. Barton	Belmont	4- 6	Furnace	25	262
Thos. Oliver	Robt. Taylor	Black Band	3-10	Fan	82	263
Thos. Oliver	Fred Young	Cedar Grove	3- 6	Fan	80	264
Thos. Oliver	John Porter	No. 2 Gas	4- 6	Fan	50	265
Fred Wattles	B. S. Buckner	Cannel	2- 5	Fan	24	266
S. H. Montgomery	S. P. Johnson	Kanawha	4- 6	Fan	75	267
J. L. Mandt	F. W. Mandt	Kanawha No. 5	4- 0	Fan	75	268

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		KANAWHA CO.—Continued			
269	Seventh	National Bituminous Coal & Coke Co.	No. 1	Drift	Eskdale
270	Seventh	National Bituminous Coal & Coke Co.	No. 2	Drift	Eskdale
271	Seventh	Paint Creek Collieries Co.	Banner	Drift	Mucklow
272	Seventh	Paint Creek Collieries Co.	Grose	Drift	Tomsburg
273	Seventh	Paint Creek Collieries Co.	Paint Creek	Drift	Mucklow
274	Seventh	Paint Creek Collieries Co.	Reynolds	Drift	Olcott
275	Seventh	Paint Creek Collieries Co.	Scranton	Drift	Mucklow
276	Seventh	Paint Creek Collieries Co.	Wacomah	Drift	Mucklow
277	Fifth	Quincy Coal Co.	No. 1	Drift	Quincy
278	Fifth	Quincy Coal Co.	No. 2	Drift	Quincy
279	Seventh	Republic Coal Co.	No. 1	Drift	Carbon
280	Seventh	Republic Coal Co.	No. 2	Drift	Carbon
281	Seventh	Republic Coal Co.	No. 3	Drift	Carbon
282	Seventh	Republic Coal Co.	No. 5	Drift	Carbon
283	Fifth	Standard-Kanawha Coal Mining Co.	Coalridge No. 1	Drift	Quick
284	Fifth	Standard-Kanawha Coal Mining Co.	Acme No. 2	Drift	Quick
285	Seventh	Standard Splint & Gas Coal Co.	Standard	Drift	Standard
286	Seventh	Southwestern Splint Fuel Co.	Black Cat	Drift	Crown Hill
287	Fifth	Sunday Creek Coal Co.	No. 101	Drift	Shrewsbury
288	Fifth	Sunday Creek Coal Co.	No. 104	Drift	Cedar Grove
289	Fifth	Sunday Creek Coal Co.	No. 105	Drift	Mammoth
290	Fifth	Sunday Creek Coal Co.	No. 108	Drift	Mammoth
291	Fifth	Virginia Coal Co.	Virginia	Slope	Coal Fork
292	Seventh	Wake Forest Mining Co.	Wake Forest	Drift	Wake Forest
293	Seventh	West Virginia Collieries Co.	No. 1	Drift	Carbon
294	Seventh	West Virginia Collieries Co.	No. 3	Drift	Wevaco
295	Seventh	West Virginia Collieries Co.	No. 4	Drift	Wevaco
296	Seventh	Winifrede Coal Co.	North, South and West	Drift	Winifrede
297	Seventh	Wyatt Coal Co.	Berlin	Drift	Laigg
298	Seventh	Wyatt Coal Co.	Horton	Drift	Sharon
299	Seventh	Wyatt Coal Co.	Oakley	Drift	Giles
		LEWIS COUNTY			
300	Second	Burrows Coal Co.	Polar	Drift	McWhorter
		LINCOLN COUNTY			
301	Sixth	Branchland Coal Co.	Branchland	Drift	Branchland
302	Sixth	Guyan River Coal Co.	Guyan River	Drift	Hubball
		LOGAN COUNTY			
303	Sixth	Amherst Coal Co.	Amherst Nos. 1 and 2	Drift	Amherstdale
304	Sixth	Aracoma Coal Co.	Aracoma Nos. 1 and 2	Drift	Logan
305	Sixth	Argyle Coal Co.	Argyle	Drift	Yolyn
306	Sixth	Avon Coal Co., The	Avon	Drift	Accoville
307	Sixth	Bengal Coal Co.	Bengal	Drift	Kistler
308	Sixth	Black Hawk Colliery Co.	Black Hawk	Drift	Big Creek
309	Sixth	Buffalo Eagle Colliery Co.	Buffalo Eagle	Drift	Accoville
310	Sixth	Buffalo Eagle Colliery Co.	Buffalo Eagle No. 2	Drift	Accoville
311	Sixth	Coal River Coal & Coke Co.	Dobra	Drift	Dobra
312	Sixth	Coal Valley Mining Co., The	Sylvia	Drift	Clothier
313	Sixth	Cora Coal & Coke Co.	Cora	Drift	Cora
314	Sixth	Crown Coal & Coke Co.	Crown	Drift	Crown
315	Sixth	Cub Fork Coal Co.	Cub Fork	Drift	Yolyn
316	Sixth	Draper Coal & Coke Co.	Draper	Drift	Logan
317	Sixth	Eagle Island Coal Co.	Kistler	Drift	Kistler
318	Sixth	Ethel Coal Co., The	Nos. 1 and 2	Drift	Ethel
319	Sixth	Ft. Branch Coal Corporation	Ft. Branch	Drift	Ft. Branch
320	Sixth	Frieze Fork Coal Mining Co., The	Freize Fork	Drift	Ethel
321	Sixth	Gay Coal & Coke Co.	Gay	Drift	Logan
322	Sixth	George's Creek Coal Co., Inc.	George's Creek	Drift	Ethel
323	Sixth	Guyandotte Coal Co.	Guyandotte	Drift	Kitchen
324	Sixth	Huddleston Coal & Coke Co.	Huddleston	Drift	Accoville
325	Sixth	Island Creek Colliery Co.	Switzer	Drift	Switzer
326	Sixth	Island Creek Block Coal Co.	Anthony	Drift	Barnabus
327	Sixth	Johnson Coal Mining Co., E. R.	Nos. 1 and 2	Drift	Hughey
328	Sixth	Jones-Parsons Coal Co.	Ida May	Drift	Barnabus
329	Sixth	Kohinoor Coal & Coke Co.	Kohinoor	Drift	Craneco
330	Sixth	Lincoln Coal Mining Corporation	Lincoln	Drift	Big Creek
331	Sixth	Litz-Smith Coal Co.	Litz-Smith	Drift	Accoville
332	Sixth	Logan Coal Co.	Logan	Drift	Ethel

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
John A. Greene	John J. Cox	No. 5 Block	5- 6	Fan	50	269
John A. Greene	H. J. Willis	No. 2 Gas	4- 6	Fan	102	270
C. E. Ellis		Coalburg	6- 0	Fan	51	271
John Branchwyler	Robt. Flint	Powellton	6- 0	Fan	117	272
C. E. Ellis	J. M. Bryan	Coalburg	7- 0	Fan	236	273
E. D. Griffith	T. H. Corlin	Black Band	3-10	Fan	102	274
C. E. Ellis	W. W. Bradley	Coalburg	5- 0	Fan	127	275
C. E. Ellis	Joe Vandal	Coalburg	5- 0	Fan	58	276
H. H. Fletcher	James Hemmings	Black Diamond	3- 6	Fan	10	277
H. H. Fletcher	James Hemmings	No. 5	5- 6	Fan	58	278
C. A. Pearse	J. H. Titlow	No. 2 Gas	5- 0	Fan	48	279
C. A. Pearse	Geo. Hoge	No. 2 Gas	5- 6	Fan	51	280
C. A. Pearse	M. Albertizer	No. 2 Gas	4- 8	Fan	57	281
C. A. Pearse	J. K. Kirk	No. 2 Gas	5- 6	Fan	37	282
A. L. Black	W. E. Davis	No. 5 Splint	5- 0	Fan	125	283
A. L. Black	J. M. Ross	No. 5 Splint	5- 6	Fan	40	284
G. G. Wood	Ed. Foster	Coalburg	7- 6	Fan	132	285
S. B. Brydon	Tom Burke	Coalburg	6- 0	Fan	68	286
Carol Robinson	F. J. Kennedy	No. 5	6- 0	Fan	58	287
Carol Robinson	J. W. Frazier	Coalburg	5- 0	Fan	104	288
Carol Robinson	Ernest McCombs	Coalburg	5- 6	Fan	198	289
Carol Robinson	Ernest McCombs	Coalburg	5- 0	Fan	111	290
J. C. Gilmore, Jr.	J. C. Gilmore, Jr.	Cedar Grove	4- 4	Fan	76	291
	J. W. Gay	No. 2 Kanawha Gas	5- 0	Fan	95	292
K. D. Quarrier	C. R. Larabee	No. 2 Gas	6- 0	Fan	76	293
K. D. Quarrier	Chas. Petty	Coalburg	6- 6	Fan	118	294
K. D. Quarrier	Robt. Longstaff	No. 2 Gas	5- 6	Fan	68	295
Frank D. Barron	C. A. McKee, George Simon & W. S. Miller	Winifrede	4-10	Fan	436	296
Wm. Laing	Wm. Werner	No. 2 Gas	5- 8	Fan	83	297
Wm. Laing	J. H. Long	Coalburg	4- 0	Fan	168	298
Wm. Laing	R. G. Clayton	Lewiston	4- 0	Fan	71	299
Tony Harr	Tony Harr	Red Stone	6- 0	Fan	14	300
Walter Cuthberton	Joe Johnson	Stockton-Belmont	7- 0	Fan	50	301
Walter Cuthberton	Claude Midkiff	No. 5 Block	4-10	Furnace	20	302
J. N. Schweitzer	C. C. Fultz	Island Creek & Thacker	4- 8 8- 6	Fan	123	303
F. E. King	M. A. McParland	Island Creek	6- 0	Fan	154	304
W. T. Harvey	T. E. Maroney	Thacker	7- 0	Fan	51	305
S. E. Scholl	Lester E. Scholl	Eagle & Island Creek	7- 0 4- 8	Fan	119	306
A. E. Morgan	Jas. M. Horne	Eagle	6- 0	Fan	40	307
J. Louis Dawson	J. Louis Dawson	No. 2 Gas	4- 8	Furnace	28	308
P. J. Riley	E. E. Jones	Eagle	6- 0	Fan	31	309
P. J. Riley	E. E. Jones	Island Creek	5- 4	Fan	22	310
B. J. Hiner	G. W. Lax	Kanawha Gas No. 2.	5- 0	Fan	77	311
W. M. Gille	Jas. Golden	Chilton	5- 0	Fan	91	312
C. W. Jones	E. E. Russell	No. 2 Gas	6- 0	Fan	81	313
John W. Lax	P. M. Lax	No. 2 Gas	4- 8	Fan	49	314
E. C. James	F. L. Ramey	Winifrede	7- 0	Fan	60	315
John Pullen	John Pullen	No. 2 Gas	4- 8	Fan	62	316
Edwin Jones	Edwin Jones	Island Creek	4- 6	Fan	40	317
L. Epperly	W. H. Baker	Chilton	5- 2	Fan	184	318
A. E. Thomas	Wm. E. Jones	Winifrede	5- 6	Fan	66	319
C. W. Sanders	James Gent	Winifrede	4- 0	Fan	40	320
H. S. Gay, Jr.	Fred Kellerman	Island Creek	5-10	Fan	127	321
Robt. Gunning	Jess Perry	Winifrede	6- 3	Fan	56	322
Chris MacTaggart	J. W. Cuthbertson	No. 2 Gas	4- 2	Fan	49	323
W. L. Robinsom	W. M. White	Eagle	5- 7	Fan	45	324
J. M. West	Henry Miller	Island Creek	7- 0	Fan	138	325
	E. A. Anthony	Island Creek	6- 8	Furnace	26	326
J. P. Small	H. C. Roskey	Winifrede	4-10	Fan	38	327
H. P. Jones	J. W. Hout	Main Island	7- 6	Furnace	46	328
W. W. Beddow	Geo. W. Black	No. 2 Gas	6-10	Fan	106	329
A. W. Hesse	C. A. Parcell	No. 2 Gas	4- 0	Fan	28	330
F. E. Dulaney	W. T. Spicer	Eagle	7- 2	Fan	23	331
J. C. Hindsley	J. F. White	Chilton	5- 6	Fan	111	332

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		LOGAN CO.—Continued			
333	Sixth	Logan Mining Co.	Earling	Drift	Manbar
334	Sixth	Logan Mining Co.	Manitoba	Drift	Ethel
335	Sixth	Logan Mining Co.	Mona	Slope	Monaville
336	Sixth	Logan Mining Co.	Wanda	Drift	Ethel
337	Sixth	Long Flame Coal Co.	Long Flame	Drift	Stow
338	Sixth	Lorain Coal & Dock Co., The	Lorado	Drift	Craneco
339	Sixth	Main Island Creek Coal Co.	Nos. 2 and 3	Drift	Omar
340	Sixth	Main Island Creek Coal Co.	No. 4	Drift	Omar
341	Sixth	Main Island Creek Coal Co.	Nos. 5 and 6	Drift	Omar
342	Sixth	Maher-Pursglove Mining Co., The	No. 5	Drift	Chauncey
343	Sixth	Manbor Coal Co.	Manbar	Drift	Manbar
344	Sixth	Mifflin Coal Co.	Nos. 1 and 2	Drift	Clothier
345	Sixth	Monitor Coal & Coke Co.	Monitor Nos. 1 and 3 Beechwood	Drift	Wilkinson
346	Sixth	McGregor Coal Co.	McGregor	Drift	Slagle
347	Sixth	Opperman Coal Co., The	Opperman	Drift	Blair
348	Sixth	Paragon Colliery Co.	Paragon	Drift	Yolyn
349	Sixth	Rex Coal & Coke Co.	Rex	Drift	Ethel
350	Sixth	Rich Creek Coal Co.	Wilburn	Drift	Manbar
351	Sixth	Ruffner Coal Co.	Ruffner	Drift	Accoville
352	Sixth	Shamrock Coal Co.	Litz & Smith	Drift	Logan
353	Sixth	Spruce Bend Coal Co.	Sharples	Drift	Sharples
354	Sixth	Spruce Valley Coal Co.	Spruce Valley	Drift	Blair
355	Sixth	Stone Branch Coal Co.	Stone Branch	Drift	Stone Branch
356	Sixth	Sovereign Coal Co.	Sovereign	Drift	Sovereign
357	Sixth	Sunbeam Coal Co.	Sunbeam	Drift	Ft. Branch
358	Sixth	Summers Coal Co., H. B.	Summers	Drift	Crown
359	Sixth	Thomas Coal Co., D. C.	Grace	Drift	Blair
360	Sixth	United States Coal & Oil Co.	Island Creek No. 1	Drift	Holden
361	Sixth	United States Coal & Oil Co.	Island Creek No. 2	Slope	Holden
362	Sixth	United States Coal & Oil Co.	Island Creek No. 3	Drift	Holden
363	Sixth	United States Coal & Oil Co.	Island Creek No. 4	Drift	Holden
364	Sixth	United States Coal & Oil Co.	Island Creek No. 6	Drift	Holden
365	Sixth	United States Coal & Oil Co.	Island Creek No. 7	Slope	Holden
366	Sixth	United States Coal & Oil Co.	Island Creek No. 8	Slope	Holden
367	Sixth	United States Coal & Oil Co.	Island Creek No. 10	Drift	Holden
368	Sixth	United States Coal & Oil Co.	Island Creek No. 11	Slope	Holden
369	Sixth	United States Coal & Oil Co.	Island Creek No. 12	Slope	Holden
370	Sixth	Virginia-Buffalo Coal Co.	Virginia-Buffalo	Drift	Amherstdale
371	Sixth	Wilson Coal Co., H. T.	Wilson	Drift	Logan
372	Sixth	Yuma Coal & Coke Co., The	Yuma	Drift	Wilkinson
		MARION COUNTY			
373	First	Buttermore Coal Co., J. J.	Elizabeth	Drift	Montana
374	First	Catawba Coal Co.	Catawba	Drift	Catawba
375	First	Consolidation Coal Co., The	No. 22	Slope	Monongah
376	First	Consolidation Coal Co., The	No. 24	Slope	Montana Mines
377	First	Consolidation Coal Co., The	No. 26	Drift	Watson
378	First	Consolidation Coal Co., The	No. 28	Slope	Middleton
379	First	Consolidation Coal Co., The	No. 36	Drift	Middleton
380	First	Consolidation Coal Co., The	No. 38	Shaft	Fairmont
381	First	Consolidation Coal Co., The	No. 43	Slope	Monongah
382	First	Consolidation Coal Co., The	No. 45	Drift	Beechwood
383	First	Consolidation Coal Co., The	No. 47	Slope	Middleton
384	First	Consolidation Coal Co., The	No. 53	Drift	Monongah
385	First	Consolidation Coal Co., The	No. 56	Drift	Watson
386	First	Consolidation Coal Co., The	No. 59	Drift	Middleton
387	First	Consolidation Coal Co., The	No. 63	Slope	Monongah
388	First	Consolidation Coal Co., The	No. 68	Slope	Everson
389	First	Consolidation Coal Co., The	No. 82	Slope	Middleton
390	First	Consolidation Coal Co., The	No. 84	Slope	Hutchinson
391	First	Consolidation Coal Co., The	No. 85	Drift	Watson
392	First	Dakota Coal & Coke Co.	Dakota No. 2	Shaft	Fairmont
393	First	Fairmont & Cleveland Coal Co.	Parker Run	Drift	Rivesville
394	First	Federal Coal & Coke Co.	Federal	Shaft	Grant Town
395	First	Four States Coal & Coke Co.	Annabelle	Shaft	Worthington
396	First	Harry B. Coal Co.	Harry B. and Junior	Drift	Everson
397	First	Jamison Coal & Coke Co.	Jamison No. 7	Shaft	Fairmont
398	First	Jamison Coal & Coke Co.	Jamison No. 8	Shaft	Farmington
399	First	Jamison Coal & Coke Co.	Jamison No. 9	Shaft	Farmington
400	First	McCoy Coal Co.	McCoy	Slope	Fairmont
401	First	New Central Coal Co.	Stafford	Shaft	Baxter

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
G. E. Sanford	J. A. Wiley	No. 2 Gas	5– 0	Fan	86	333
B. L. Flynn	C. H. Rhodes	Winifrede	5– 4	Fan	75	334
H. E. Snyder	W. G. Whitman	Island Creek	7– 0	Fan	65	335
B. L. Flynn	Chas. D. Hylton	Winifrede	5– 0	Fan	89	336
W. E. Pritchard	R. F. Pritchard	No. 2 Gas	7– 6	Fan	63	337
J. W. Johnson	H. B. Porrier	Island Creek	6– 6	Fan	49	338
J. A. Kelly	J. W. Montgomery	Island Creek	6– 0	Fan	75	339
J. A. Kelly	J. W. Montgomery	Island Creek	6– 6	Fan	300	340
J. A. Kelly	J. W. Montgomery	Island Creek	6– 0	Fan	150	341
Wm. J. Maher		Island Creek	7– 8	Fan	46	342
J. S. Riley	J. S. Riley	No. 2 Gas	5– 0	Fan	27	343
Martin Long	W. D. Mease	No. 2 Gas	5– 6	Fan	57	344
Thos. F. Downing	Hy. Barrett, Ben Nunley H. E. Gallcon	Island Creek	6– 0	Fan	295	345
G. L. Bailey	Wm. Nisbet	Thacker	6– 0	Fan	126	346
	J.W. Arbaugh	Chilton	7– 0	Fan	53	347
E. C. James	J. A. McCallister	Winifrede	6– 0	Fan	98	348
	W. M. Guy	Chilton	5– 0	Fan	92	349
Frank E. Hutchinson	C. H. Vickers	No. 2 Gas	5– 2	Fan	33	350
C. L. Donenant	Gwyn Ruffner	Eagle	5– 3	Fan	15	351
J. B. Agee	W. T. Gosnay	Island Creek	6– 0	Fan	66	352
Samuel Butler	John Spearen	Chilton	5– 0	Fan	58	353
John Wills	John Wills	Chilton	7– 0	Fan	95	354
H. O. Womas	John Kitchen	Stone Branch	4– 0	Fan	92	355
J. J. Bumpus	W. D. Petry	No. 2 Gas	6– 0	Fan	75	356
F. E. King	P. F. Maloney	Winifrede	4– 8	Fan	45	357
H. B. Summers	Jas. Carmichel	Eagle	7– 0	Fan	28	358
	A. R. Thomas	Chilton	6– 6	Fan	55	359
J. W. Snyder	Eugene White	Island Creek	6– 6	Fan	253	360
J. W. Snyder	Dave Glazier	Island Creek	6– 6	Fan	106	361
Major Curry	J. A. Prewitt	Island Creek	6– 6	Fan	137	362
Major Curry	J. H. Curry	Island Creek	6– 6	Fan	181	363
	H. T. Wood	Island Creek	6– 6	Fan	121	364
W. S. Parsons	Jas. Chambers	Island Creek	6– 6	Fan	194	365
W. S. Parsons	Chas. Miller	Island Creek	6– 6	Fan	204	366
	Geo. Thompson	Island Creek	6– 6	Fan	73	367
W. P. Ferguson	Jas. Haslam	Island Creek	6– 6	Fan	96	368
W. P. Ferguson	B. R. Guy	Island Creek	6– 6	Fan	104	369
J. N. Schweitzer	R. V. Waldron	Eagle	6– 0	Fan	33	370
Thomas Wilson	B. B. Wilson	Winifrede	4– 2	Fan	87	371
Thos F. Downing	W. L. Stephens	Island Creek	6– 3	Fan	113	372
Geo. T. Rodeheaver	Geo. T. Rodeheaver	Pittsburgh	7– 0	Furnace	15	373
John J. Buttermore	U. G. Swisher	Pittsburgh	9– 0	Natural	15	374
Geo E. Peddicord	Chas. Strickler	Pittsburgh	7– 7	Fan	430	375
R. E. Garrett	Walter Rowe	Pittsburgh	6– 7	Fan	225	376
John C. Riggins	W. J. Davis	Pittsburgh	7– 7	Fan	358	377
Rush Miller	F. E. Girod	Pittsburgh	8– 0	Fan	107	378
Rush Miller	J. O. Davis	Pittsburgh	7– 7	Fan	187	379
John C. Riggins	Gents Radka	Pittsburgh	7– 8	Fan	295	380
Geo. E. Peddicord	Jas. A. Green	Pittsburgh	7– 7	Fan	394	381
W. H. Hess	C. E. Swisher	Pittsburgh	7– 8	Natural	102	382
Rush Miller	L. E. Henderson	Pittsburgh	7– 7	Fan	179	383
Geo. E. Peddicord	Chas. Strickler	Pittsburgh	7– 8	Fan	146	384
Geo. C. Riggins	F. H. Brooks	Pittsburgh	7– 8	Fan	202	385
Rush Miller	J. O. Davis	Pittsburgh	7– 0	Fan	25	386
Geo. E. Peddicord	Walter Brown	Pittsburgh	7– 7	Fan	421	387
Rush Miller	E. L. Griffith	Pittsburgh	7– 7	Fan	82	388
Rush Miller		Pittsburgh	7– 0	Natural	2	389
K. D. Bailey	P. C. Vernon	Pittsburgh	6– 7	Fan	299	390
John C. Riggins	W. J. Davis	Sewickley		Fan	2	391
S. W. McDowell	W. H. Meyers	Pittsburgh	7– 4	Fan	211	392
Chas. E. Gaskill	Hayse Gaskill	Sewickley	6– 2	Fan	117	393
J. W. Devison	J. M. McKenna	Pittsburgh	8– 0	Fan	628	394
Wm. J. Wolf	Samuel Hole	Pittsburgh	7– 6	Fan	505	395
J. A. Clark, Jr.	Henry Sanders	Pittsburgh	7– 0	Fan	60	396
Edward Williams	M. E. Quenon	Pittsburgh	8– 0	Fan	323	397
W. A. Gadd	F. C. Hout	Pittsburgh	7– 6	Fan	375	398
P. D. Costello	Wm. Bridge	Pittsburgh	7– 0	Fan	316	399
J. J. Ferrell	J. J. Ferrell	Pittsburgh	8– 6	Natural	4	400
Duncan Sinclair	Thos. Gleason	Pittsburgh	8– 6	Fan	252	401

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		MARION CO.—Continued			
402	First	Phillips Coal Co.	Phillips	Drift	Fairmont
403	First	Robinson Coal Co.	James	Drift	Fairmont
404	First	Virginia & Pittsburgh Coal & Coke Co.	Kingmont	Drift	Kingmont
405	First	Virginia & Pittsburgh Coal & Coke Co.	Morgan	Drift	Rivesville
		MARSHALL COUNTY			
406	First	Ben Franklin Coal Co. of W. Va.	Panama	Shaft	Moundsville
407	First	Glendale Coal Co.	Glendale	Shaft	Glendale
408	First	Hitchman Coal & Coke Co.	Hitchman	Slope	Benwood
409	First	Kunz Bros. & Miller	Bogg's Run	Drift	Wheeling
410	First	Mound Coal Co.	Mound	Shaft	Moundsville
411	First	Mound City Coal Co.	Mound City	Shaft	Moundsville
412	First	Parr's Run Coal Co.	Parr's Run	Shaft	Moundsville
413	First	Wheeling Steel & Iron Co.	Benwood	Drift	Benwood
		MASON COUNTY			
414	Fifth	Hutchinson Coal Co.	Linden	Drift	Mason
415	Fifth	Jackson Coal & Mining Co.	Jackson	Drift	Hartford
416	Fifth	J. M. & D. E. Newton Co.	Sliding Hill	Slope	Hartford
		McDOWELL COUNTY			
417	Tenth	Arlington Coal & Coke Co.	Arlington	Drift	McDowell
418	Tenth	Algoma Coal & Coke Co.	Piney & North Fork	Drift	Algoma
419	Tenth	Ashland Coal & Coke Co.	Ashland & Graeber	Drift	Ashland
420	Twelfth	Belle Coal & Mining Co., The	Vaughan	Drift	Roderfield
421	Eleventh	Bottom Creek Coal & Coke Co.	No. 1	Drift	Vivian
422	Eleventh	Bottom Creek Coal & Coke Co.	No. 2	Drift	Vivian
423	Eleventh	Black Wolf Coal & Coke Co.	Black Wolf	Drift	Dearing
424	Twelfth	Buchanan Coal Co.	Buchanan	Drift	Yukon
425	Twelfth	Carter Coal Co.	Caretta	Slope	Caretta
426	Twelfth	Carter Coal Co.	No. 1 West	Drift	Coalwood
427	Twelfth	Carter Coal Co.	No. 2 East and West	Drift	Coalwood
428	Twelfth	Carter Coal Co.	Nora	Drift	Coalwood
429	Twelfth	Carter Coal Co.	Olga	Shaft	Coalwood
430	Twelfth	Carter Coal Co.	Six	Drift	Six
431	Eleventh	Central Poca. Coal Co.	Nos. 1 and 2	Drift	Annawalt
432	Eleventh	Cirrus Coal & Coke Co.	Nos. 1 and 2	Slope	Big Four
433	Twelfth	Colonial Pocahontas Coal Co., The	Colonial	Drift	Avondale
434	Twelfth	Columbus Pocahontas Coal Co., The	Columbus-Pocahontas	Drift	Iaeger
435	Eleventh	Crozer Coal & Coke Co.	Nos. 1 and 2	Drift	Elkhorn
436	Twelfth	Cumberland Cannel Coal Co.	Gem Poca	Drift	Lex
437	Twelfth	Davy Poca. Coal Co.	Nos. 1 and 2	Drift	Roderfield
438	Twelfth	Dry Fork Colliery Co.	Dry-Fork	Slope	Yukon
439	Tenth	Elkhorn Coal & Coke Co.	Elkhorn	Drift	Maybeury
440	Eleventh	Empire Coal & Coke Co., The	Empire	Drift	Landgraff
441	Tenth	Elk Ridge Coal & Coke Co.	Elk Ridge	Drift	North Fork
442	Eleventh	Eureka Coal & Coke Co.	Eureka	Drift	Eckman
443	Twelfth	Excelsior-Pocahontas Coal Co.	Excelsior	Drift	Excelsior
444	Tenth	Extra Pocahontas Coal Co.	Extrapoca	Drift	Switchback
445	Twelfth	Evans Coal Co.	Evans		Lex
446	Twelfth	Flanagan Coal Co.	No. 1	Drift	Roderfield
447	Twelfth	Flanagan Coal Co.	No. 2	Drift	Roderfield
448	Twelfth	Flat Top Coal Mining Co.	Thomas	Slope	English
449	Tenth	Fortune Hunter Coal Co.	Fortune Hunter	Drift	Northfork
450	Tenth	Gilliam Coal & Coke Co.	Gilliam	Drift	Gilliam
451	Tenth	Greenbrier Coal & Coke Co.	Greenbrier	Drift	McDowell
452	Eleventh	Hemphill Colliery Co.	Hemphill	Drift	Welch
453	Twelfth	Henrietta Pocahontas Coal Co.	Henrietta	Drift	Bartley
454	Eleventh	Houston Coal & Coke Co.	Nos. 1 and 2	Drift	Elkhorn
455	Eleventh	Houston Collieries Co.	Carswell	Shaft	Kimball
456	Eleventh	Houston Collieries Co.	Hugar	Shaft	Olmsted
457	Tenth	Indian Ridge Coal & Coke Co.	Indian Ridge	Drift	Worth
458	Twelfth	J. B. B. Coal Co.	Nos. 1, 2, 3 and 4	Drift	Twin Branch
459	Twelfth	John's Branch Coal Co.	No. 1	Drift	War
460	Eleventh	Lake Superior Coal Co.	No. 1	Shaft	Superior
461	Eleventh	Lake Superior Coal Co.	No. 2	Shaft	Superior
462	Twelfth	Lathrop Coal Co.	Lathrop	Drift	Panther
463	Twelfth	Lone Jack Coal Mining Co.	Lone Jack		Iaeger
464	Eleventh	Lynchburg Coal & Coke Co.	Lynchburg	Drift	Kyle
465	Twelfth	Keystone Coal & Coke Co.	Keystone	Drift	Keystone

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
James Phillips	Russell Wilt	Pittsburgh	8- 0	Fan	23	402
Peat Harker		Pittsburgh	5- 0	Natural	4	403
R. M. Hite	Wm. Jarrett, Walter Wilt George Fortney	Pittsburgh	9- 0	Fan	327	404
M. C. Hite	Chas. Larew	Pittsburgh	8- 6	Fan	123	405
Walter Lowtber	Chas. E. McCabe	Pittsburgh No. 8	5- 8	Fan	134	406
E. C. Pickett	W. F. Ash	Pittsburgh No. 8	5- 8	Fan	119	407
E. C. Pickett	Michael Freeman	Pittsburgh No. 8	5- 8	Fan	480	408
Phillip Kunz, Jr.	Eugene Miller	Pittsburgh	5- 0	Fan	10	409
Jos. Virgin	J. W. Meredith	Pittsburgh	5- 4	Fan	156	410
Jos. Virgin	J. W. Meredith	Pittsburgh Nc. 6	5- 4	Fan	156	411
A. C. Hunt	G. S. Phillips	Pittsburgh No. 8	5-10	Fan	105	412
	W. C. Batson	Pittsburgh No. 8	6- 0	Fan	143	413
Jacob Phillips	Fred Weiss	Pittsburgh	4-10	Fan	153	414
Earl Ewing	L. Moore	Pittsburgh No. 8	5- 0	Fan	51	415
W. H. Newton	John Roy	Pittsburgh No. 8	5- 0	Fan	29	416
	Wm. Norris	No. 3 Poca.	5- 0	Fan	210	417
J. J. Huddleston	J. F. Logan	Poca. No. 3	5-10	Fan	230	418
Thos. J. O'Neil	E. C. Lewis J. H. Halloway	Poca. No. 3	4- 9	Fan	247	419
Mark Sutton	Bob Garbett	Sewell	3- 6	Fan	70	420
G. S. Patterson	John Maurice	Poca. No. 3	5- 8	Fan	175	421
G. S. Patterson	C. W. Dillard	Poca. No. 3	5-10	Fan	97	422
S. G. Bralley		No. 4	6- 0	Fan	67	423
J. L. Charles	M. A. Hurley	War Creek	4- 6	Fan	25	424
Zack Gross	G. W. Cameron	War Creek	3- 4	Fan	224	425
F. O. Garth	E. C. Hawks	Welch	5- 0	Fan	12	426
F. O. Garth	E. C. Hawks	Welch	3- 5	Fan	37	427
F. O. Garth	Joe. Worrell	Sewell	3- 3	Fan	130	428
J. L. Bishop	Con. Wearmouth	No. 4 Poca.	6- 4	Fan	125	429
J. R. Bailey	L. R. Roach	Sewell	3- 8	Fan	264	430
H. K. Carper	Sam Money, J. T. Lilley.	No. 3 Poca.	6- 3	Furnace	46	431
R. S. Whitehead	A. Mitchell	Poca. No. 3	5- 8	Fan	81	432
H. S. Benieklow	H. Sheppard	Welch	3- 6	Furnace	20	433
V. T. Stricker	V. T. Stricker	Red Ash & Poca		Furnace	15	434
H. D. Smith	J. E. Smith, K. C. Brent	Poca. No. 3	7-10	Fan	404	435
T. N. Dougherty	T. N. Dougherty	Welch No. 6	3- 0	Furnace	18	436
S. E. Ward	F. L. Wells, T. B. Fisher	War Creek & Davy	5- 6	Fan	80	437
W. H. Powell	W. H. Powell	War Creek	5- 6	Fan	75	438
J. R. Little	T. L. Little	Poca. No. 3	7- 0	Fan	241	439
D. W. Farquharson	John Peake	Poca. No. 3	6- 7	Fan	327	440
N. J. Harris	Jas. Frail	Poca. No. 3	7- 0	Fan	151	441
L. E. Tierney	R. H. South	Poca. No. 3	7- 0	Fan	181	442
E. C. Lambert	M. C. Roberts	War Creek	4-10	Fan	140	443
J. R. Meadwell	J. R. Meadwell	Poca. No. 3	8- 0	Natural	22	444
E. M. Evans	H. W. Evans	Davy Sewell	3-10	Fan	43	445
	J. F. Butler	War Creek	5- 6	Fan	23	446
	J. F. Butler	Davy-Sewell	4- 1	Fan	45	447
Jas. Grainger	Chas. Stephenson	War Creek	3- 5	Fan	73	448
G. H. Wilcox	M. H. Alley	Poca. No. 3	7- 0	Fan	25	449
	Robt. Cooke	Poca. No. 3	5- 8	Fan	234	450
W. H. Saunders	J. W. Smith	Poca. No. 3	6- 0	Fan	148	451
F. J. Baxter		Welch	3- 6	Fan	13	452
A. Shimmin	G. B. Hopkins	Davy-Sewell	3- 0	Fan	29	453
E. L. Stafford	C. Kershaw, Geo. Guy	Poca No. 3	6- 0	Fan	275	454
E. L. Michie	Wm. Prentice	Poca. No. 3 & 4	5- 0	Fan	127	455
W.W.Wood,Thos.Leman	John Doud	Pocahontas	5- 6	Fan	217	456
	A. Q. Stone	Poca. No. 3	5- 0	Fan	124	457
C. L. Biddison	R. Roberts, T. P. Melvin R. G. Stuart	Davy-Sewell	3- 3	Fan	472	458
W. T. Brooks	A. C. Williams	War Creek	4- 0	Furnace	34	459
J. A. Straughan	J. R. Davis	Poca. No. 3	5- 3	Fan	146	460
J. A. Straughan	M. Barron	Poca. No. 4.	4- 0	Fan	67	461
W. R. Talbott	J. E. Johnson	Bastard	5- 6	Fan	119	462
				Furnace	28	463
L. J. South	L. J. South	Poca. No. 3	7- 3	Fan	220	464
A. J. Stewart	Jim Smith, T. F. Smith	Poca. No. 3	6 -0	Fan	316	465

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		McDOWELL CO.—Continued			
466	Eleventh	King Coal Co., The	King	Slope	Kimball
467	Eleventh	Kimball-Pocahontas Coal Co	Virginia	Slope	Big Four
468	Tenth	McDowell Coal & Coke Co	McDowell	Drift	McDowell
469	Twelfth	Mohawk Coal & Coke Co	Mohawk	Drift	Mohawk
470	Twelfth	New Pocahontas Coal Co	New Pocahontas	Drift	Deegans
471	Twelfth	New River & Poca. Cons. Coal Co	Berwind No. 1	Drift	Berwind
472	Twelfth	New River & Poca. Cons. Coal Co	Berwind No. 2	Drift	Berwind
473	Twelfth	New River & Poca. Cons. Coal Co	Berwind No. 3	Drift	Berwind
474	Twelfth	New River & Poca. Cons. Coal Co	Berwind No. 4	Drift	Berwind
475	Twelfth	New River & Poca. Cons. Coal Co	Berwind No. 5	Drift	Berwind
476	Eleventh	New River & Poca. Cons. Coal Co	Havaco	Shaft	Havaco
477	Eleventh	Oregon Coal Co	Oregon Nos. 2, 3 and 4	Drift	Hemphill
478	Eleventh	Page Coal & Coke Co	Nos. 1, 2 and 3	Drift	Pageton
479	Twelfth	Panther Coal Co	Nos. 1 and 2	Drift	Panther
480	Eleventh	Peerless Coal & Coke Co	Nos. 1 and 2	Drift	Vivian
481	Tenth	Pocahontas Cons. Collys. Co., Inc	Angle	Drift	Maybeury
482	Tenth	Pocahontas Cons. Collys. Co., Inc	Cherokee	Drift	Ashland
483	Tenth	Pocahontas Cons. Collys. Co., Inc	Delta	Drift	Switchback
484	Tenth	Pocahontas Cons. Collys. Co., Inc	Lick Branch	Drift	Switchback
485	Tenth	Pocahontas Cons. Collys. Co., Inc	Norfolk	Drift	Maybeury
486	Tenth	Pocahontas Cons. Collys. Co., Inc	Rolfe	Drift	Worth
487	Tenth	Pocahontas Cons. Collys. Co., Inc	Shamokin	Drift	Maybeury
488	Eleventh	Pocahontas Cons. Collys. Co., Inc	Pocahontas No. 6	Drift	Jenkinjones
489	Eleventh	Pocahontas Cons. Collys. Co., Inc	Pocahontas No. 7	Drift	Jenkinjones
490	Eleventh	Pocahontas Cons. Collys. Co., Inc	Pocahontas No. 8	Drift	Jenkinjones
491	Twelfth	Pocahontas Domestic Coal Co., The	Scorpion	Drift	War
492	Eleventh	Pocahontas Smokeless Coal Co	Slick Rock	Drift	Welch
493	Eleventh	Powhatan Coal & Coke Co	East & West	Drift	Powhatan
494	Twelfth	Premier Pocahontas Collys Co	Nos. 1, 2, 3 and 4	Drift	Premier
495	Eleventh	Pulaski Iron Co	Pnlaski Nos. 1, 2, and 3	Drift	Eckman
496	Tenth	Roanoke Coal & Coke Co	Roanoke	Drift	Worth
497	Twelfth	Solvay Collys. Co	Big Sandy	Drift	Big Sandy
498	Twelfth	Solvay Collys. Co	Marytown	Drift	Marytown
499	Eleventh	Shawnee Coal & Coke Co	Shawnee	Drift	Eckman
500	Eleventh	Standard Pocahontas Coal Co	Standard	Shaft	Capels
501	Twelfth	Superior Pocahontas Coal Co	Black Stone	Drift	Davy
502	Twelfth	Superior Pocahontas Coal Co	Cletus	Drift	Davy
503	Twelfth	Superior Pocahontas Coal Co	Davy Crockett	Drift	Davy
504	Twelfth	Superior Pocahontas Coal Co	Helena	Drift	Davy
505	Eleventh	Tidewater Coal & Coke Co., The	Tidewater	Drift	Vivian
506	Eleventh	Turkey Gap Coal & Coke Co	Turkey Gap	Drift	Ennis
507	Eleventh	United States Coal & Coke Co	No. 2	Slope	Gary
508	Eleventh	United States Coal & Coke Co	No. 3	Shaft	Gary
509	Eleventh	United States Coal & Coke Co	No. 4	Drift	Thorpe
510	Eleventh	United States Coal & Coke Co	No. 5	Drift	Thorpe
511	Eleventh	United States Coal & Coke Co	No. 6	Drift	Gary
512	Eleventh	United States Coal & Coke Co	No. 7	Drift	Elbert
513	Eleventh	United States Coal & Coke Co	No. 9	Drift	Filbert
514	Eleventh	United States Coal & Coke Co	No. 10	Drift	Gary
515	Eleventh	United States Coal & Coke Co	No. 11	Drift	Thorpe
516	Eleventh	Upland Coal & Coke Co	Upland No. 1	Drift	Elkhorn
517	Twelfth	War Creek Coal Co	No. 1	Drift	War
518	Eleventh	Welch Coal & Coke Co	Welch	Drift	Welch
519	Eleventh	West Virginia Poca. Coal Co	Nos. 1 and 2	Drift	Leckie
520	Twelfth	Yukon Poca Coal Co	Nos. 1 and 2	Drift	Yukon
521	Tenth	Zenith Coal & Coke Co	Zenith Nos. 1 and 2	Drift	Crumpler
		MERCER COUNTY			
522	Tenth	Algonquin Coal Co	Algonquin	Drift	Algonquin
523	Tenth	American Coal Co	Crane Creek	Drift	Mannering
524	Tenth	American Coal Co	Piedmont	Drift	Widemouth
525	Tenth	American Coal Co	Pinnacle	Drift	McComas
526	Tenth	Booth-Bowen Coal & Coke Co	Booth-Bowen	Drift	Freeman
527	Tenth	Buckeye Coal & Coke Co	Buckeye	Drift	Freeman
528	Tenth	Crystal Coal & Coke Co	Crystal Nos. 1 and 2	Drift	Crystal
529	Tenth	Ennis Coal Co	Hiawatha	Drift	Hiawatha
530	Tenth	Godfrey Coal Co	Godfrey	Drift	Montcalm
531	Tenth	Louisville Coal & Coke Co	Louisville Nos. 1 and 2 Klondike No. 3 Goodwill	Drift	Goodwill
532	Tenth	Mill Creek Coal & Coke Co	Mill Creek and Coaldale	Drift	Coopers
533	Tenth	Modoc Coal Mining Co	Modoc	Drift	Springton

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
B. C. Hylton	Chas. Nuttall	Poca. No. 3	6- 0	Fan	339	466
J. A. Staton	Amos Hollins	Poca. No. 3	5- 6	Fan	38	467
	E. W. Price	Poca. No. 3	5- 6	Fan	250	468
J. L. Huddleston	W. J. Hopkins		5- 0	Fan	85	469
J. W. Wedgwood	J. H. Taylor	Poca. No. 6	3- 6	Fan	65	470
Wm. Barrick	E. L. Chatfield	Poca. No. 3	4- 6	Fan	150	471
Wm. Barrick	Geo. B. Cassell	Poca. No. 3	4- 3	Fan	99	472
Wm. Barrick	J. B. Sizemore	Poca. No. 3	4- 7	Fan	93	473
Wm. Barrick	C. W. Todd	Poca. No. 3	4- 5	Fan	91	474
Wm. Barrick	W. E. Crothers	Poca. No. 3	4- 7	Fan	117	475
O. M. Knouff	R. M. Lanbie	Poca. No. 3	5- 4	Fan	136	476
Robt. Watson	Wm. Ascaugh	Welch	3- 8	Fan	97	477
E. H. Evans	J. A. Gallimore H. T. Hanna	Poca. No. 3		Fan	358	478
L. L. Heaton	P. A. Grant	Panther	4- 6	Fan	102	479
W. L. Williamson	F. R. Barrett Sam Mitchell	Poca. No. 3	6- 0	Fan	207	480
R. S. Whitehead	Jno. Shufflebarger	Poca. No. 3	6- 9	Fan	209	481
W. M. Pearman	M. D. Hall	Poca. No. 3	5- 7	Fan	176	482
R. S. Whitehead	R. L. Hutchinson	Poca. No. 3	7-10	Fan	181	483
R. S. Whitehead	R. B. Smith	Poca. No. 3	7-11	Fan	196	484
R. S. Whitehead	John Shufflebarger	Poca. No. 3	7-11	Fan	129	485
C. H. Bowers	J. C. Kirk	Poca. No. 3	5- 7	Fan	213	486
R. S. Whitehead	T. J. Burrell	Poca. No. 3	7-11	Fan	206	487
C. W. Atkinson	Alfred Hall	Poca. No. 3	9- 0	Fan	228	488
C. W. Atkinson	W. L. Marshall	Poca. No. 3	9- 0	Fan	181	489
C. W. Atkinson	R. C. Mitchell	Poca. No. 3	9- 0	Fan	136	490
J. D. Nash	Warfield Strickler	War Creek	4- 0	Fan	68	491
J. W. Wedgwood	Wm. Musser	Poca. No. 6	3- 5	Fan	54	492
W. T. Heatherman	Larry Gebroski	Poca. No. 3	6- 6	Fan	313	493
J. C. Saunders	T.A.Lewis, G.M.Ring	Welch-Davy	3- 6	Fan	402	494
Floyd E. Cunnyingham	J. M. Shank	Poca. No. 3		Fan	374	495
Henry Brooke	Samuel Edwards	Poca. No. 3	5- 4	Fan	108	496
Chas. W. Connor	J. R. Booth	Sewell	3- 7	Fan	102	497
Chas. W. Connor	E. D. Walters	Sewell	3- 9	Fan	187	498
Morris Watts	M. A. Sexton	Poca. No. 3	6- 9	Fan	150	499
C. M. Gates	J. W. Gates	Poca. No. 3	4-10	Fan	116	500
H. L. Hubbard	S. W. Foy	Sewell	3- 0	Fan	46	501
H. L. Hubbard	Frank Wright	Sewell	3- 0	Fan	85	502
H. L. Hubbard	Milt Cline	Sewell	3- 0	Fan	74	503
H. L. Hubbard	D. E. Keeny	Sewell	3- 0	Fan	90	504
B. C. Hylton	J. O. Smith	Poca. No. 3	6- 0	Fan	284	505
	John Cooney	Poca. No. 3		Fan	109	506
J. M. Tulley	T. J. McParland	Poca. No. 4	6- 0	Fan	185	507
H. T. Graham	M. L. Carriger	Poca. No. 3	4-10	Fan	168	508
A. N. Harris	A. G. Habn	Poca. No. 3	6- 0	Fan	169	509
A. N. Harris	Mike Smith	Poca. No. 3	7- 0	Fan	105	510
Neil Friel	J. R. Hightower	Poca. No. 4	6- 6	Fan	245	511
W. P. Kearns	Elbert Dye	Poca. No. 4	7- 0	Fan	229	512
W. W. Harding	D. R. Gates	Poca. No. 4	7- 6	Fan	217	513
H. T. Graham	M. E. Maloney	Poca. No. 3 & 4	5- 8	Fan	173	514
I. H. Dunn	T. W. Reese	Poca. No. 3 & 4	5- 6	Fan	176	515
John J. Lincoln	Jos. McCrickard	Poca. No. 3	7- 8	Fan	238	516
W. T. Brooks	R. H. Williams	War Creek	3- 6	Furnace	41	517
F. J. Baxter	Geo. Castle	Welch	3-10	Fan	82	518
Wm. Smith	Robt.Smith,W.A.Denny	Poca. No. 3	7- 6	Fan	110	519
P. P. Kerr	Jno. Kerr	War Creek	5- 2	Fan	125	520
H. H. Honaker	R. P. Cowan	Poca. No. 3	4- 6	Fan	160	521
J. S. Stras	N. M. Merrell	Poca. No. 3	5- 0	Fan	58	522
J. Tracy Walker	Jas. H. Hughes	Poca. No. 3	4- 6	Fan	275	523
J. Tracy Walker	C. R. Irving	Poca. No. 3	4- 6	Fan	142	524
J. Tracy Walker	S. W. Landreth	Poca. No. 3	4- 6	Fan	252	525
J. H. Bowen	B. H. English	Poca. No. 3	5- 8	Fan	167	526
F. R. Hewitt	H. C. Price	Poca. No. 3	5- 6	Fan	181	527
John C. Thomas	B.R.Foley,Chas.Hedrick	Poca. No. 3	4- 0	Fan	256	528
J. P. Johnson	D. W. Brown	Poca. No. 3	4- 4	Fan	148	529
E. V. Neal	S. S. Nunn	Poca. No. 3	4- 8	Furnace	24	530
Jairus Collins	W. H. Martin	Poca. No. 3	4- 4	Fan	188	531
J. W. Johnson	J. W. Johnson	Poca. No. 3	8- 0	Fan	272	532
Eugene Powell	Wm. Blades	Poca. No. 3	4- 0	Fan	46	533

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		MERCER CO.—Continued			
534	Tenth	Patterson Poca. Co. The S. J.	Arista Nos. 1 and 2	Drift	Arista
535	Tenth	Pocahontas Cons. Collys. Co., Inc.	Caswell Creek	Drift	Freeman
536	Tenth	Pocahontas Cons. Collys. Co., Inc.	Sagamore Nos. 1 and 2	Drift	McComas
537	Tenth	Pocahontas Cons. Collys. Co., Inc.	West	Drift	Pocahontas, Va.
538	Tenth	Pawama Coal & Coke Co., The	Pawama	Drift	Matoaka
539	Tenth	Smokeless Coal & Coke Co.	Smokeless	Drift	Hiawatha
540	Tenth	Solvay Collys. Co.	Spring Colliery	Drift	Springton
541	Tenth	Thomas Coal Co., The	No. 1	Drift	McComas
542	Tenth	Thomas Coal Co., The	No. 2	Drift	Giatto
543	Tenth	Turkey Gap Coal & Coke Co	Wenonah	Drift	Dott
544	Tenth	Weyanoke Coal & Coke Co., The	Weyanoke No. 1, Elihu No. 2	Drift	Lowe
		MINERAL COUNTY			
545	Fourth	Abram's Creek Coal & Coke Co.	Oakmont No. 1	Drift	Oakmont
546	Fourth	Big Vein Coal Co. of W. Va. The	Bakerstown	Drift	Shaw
547	Fourth	Carroll Cross Coal Co.	Cross and Imperial	Drift	Emoryville
548	Fourth	Davis Coal & Coke Co., The	No. 6	Drift	Elk Garden
549	Fourth	Davis Coal & Coke Co., The	No. 14	Drift	Elkgarden
550	Fourth	Davis Coal & Coke Co., The	Montgomery Run No. 19	Drift	Beryl
551	Fourth	Davis Coal & Coke Co., The	No. 20	Drift	Elk Garden
552	Fourth	Davis Coal & Coke Co. The	No. 50	Drift	Beryl
553	Fourth	Davis Coal & Coke Co., The	No. 51	Drift	Beryl
554	Fourth	Glade Run Coal & Coke Co.	Florence	Drift	Schell
555	Fourth	Gleason Coal & Coke Co.	Gleason	Drift	Gleason
556	Fourth	Grafton Mining Co.	Blaine No. 2	Drift	Blaine
557	Fourth	Harris & Sons Coal Co., O. D	Harris No. 2	Slope	Emoryville
558	Fourth	Masteller Coal Co., The	Nos. 1, 2 and 3	Drift	Beryl
559	Fourth	Masteller Coal Co., The	New Creek	Drift	Beryl
		MINGO COUNTY			
560	Twelfth	Buffalo Collieries Co.	Buffalo	Drift	Chatteroy
561	Twelfth	Crystal Block Coal & Coke Co.	Winifrede & Coalburg	Drift	Rawl
562	Twelfth	Glen Alum Coal Co.	Nos. 1, 2 and 3	Drift	Glenalum
563	Twelfth	Glen Alum Coal Co.	No. 4	Drift	Glenalum
564	Twelfth	Grey Eagle Coal Co.	Grey Eagle	Shaft	Kermit
565	Twelfth	Howard, Jr. Coal Co.	Howard Junior	Drift	Chatteroy
566	Twelfth	Howard Colliery Co.	Frederick	Drift	Chatteroy
567	Twelfth	Howard Colliery Co.	Howard Colliery	Drift	Chatteroy
568	Twelfth	Magnolia Coal & Coke Co.	Magnolia	Drift	Matewan
569	Twelfth	Margaret Mining Co.	Margaret	Drift	War Eagle
570	Twelfth	Mary Helen Coal Co.	Mary Helen	Drift	Hatfield
571	Twelfth	Naugatuck Coal Co., The	Naugatuck	Drift	Blocton
572	Twelfth	Red Jacket, Jr. Coal Co.	Red Jacket, Jr.	Drift	Red Jacket
573	Twelfth	Red Jacket Cons. Coal & Coke Co., Inc.	Grapevine	Drift	Edgarton
574	Twelfth	Red Jacket Cons. Coal & Coke Co., Inc.	Mitchell's Branch & Rutherford	Drift	Red Jacket
575	Twelfth	Red Jacket Cons. Coal & Coke Co., Inc.	Red Jacket	Drift	Red Jacket
576	Twelfth	Sternberger Coal Co., E. L.	Sternberger	Drift	Goodman
577	Twelfth	Stone Mountain Coal Corp	Marvin	Drift	Matewan
578	Twelfth	Superior Thacker Coal & Coke Co.	Williamson No. 1	Drift	Williamson
579	Twelfth	Sycamore Coal Co.	Cinderella	Drift	Cinderella
580	Twelfth	Thacker Coal & Coke Co.	Nos. 3, 8 and 9	Drift	Thacker Mines
581	Twelfth	Thacker Coal & Coke Co.	No. 10	Drift	New Thacker
582	Twelfth	Thacker Coal & Coke Co.	Nos. 11, 12, 13 and 14	Drift	New Thacker
583	Twelfth	War Eagle Coal Co.	Mephisto	Drift	War Eagle
584	Twelfth	War Eagle Coal Co.	Pappoose	Drift	War Eagle
585	Twelfth	White Star Mining Co., The	Alma and White Star	Drift	Merrimac
586	Twelfth	Williamson Coal & Coke Co.	Nos. 5, 6 and 7	Drift	Williamson
		MONONGALIA COUNTY			
587	Third	Antler Coal Co.	Grant	Drift	Uffington
588	Third	Consolidation Coal Co., The	No. 30	Drift	Beechwood
589	Third	Elkins Coal & Coke Co.	No. 1	Drift	Richard
590	Third	Elkins Coal & Coke Co.	No. 5	Drift	Morgantown
591	Third	Great Scott Coal & Coke Co., The	Great Scott	Drift	Morgantown
592	Third	Lehigh Coal Co., The	Lehigh No. 1	Drift	Morgantown
593	Third	North American Coal Co.	Maidsville No. 1	Drift	Morgantown
594	Third	Southern Connellsville Coke Co.	Marion	Drift	Cheat Haven, Pa.

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
John T. Morris	S. M. Corder	Poca. No. 3	4- 6	Fan	51	534
R. S. Whitehead	J. P. Clark	Poca. No. 3	7-11	Fan	209	535
J. C. Baldwin	J. H. Evans	Poca. No. 3	5- 7	Fan	217	536
Robt. Wallace	J. S. Henry	Poca. No. 3	9-12	Fan	20	537
J. C. Stras	Ed. Lucas	Poca. No. 3	5- 2	Fan	75	538
O. N. Moomaw	Ed. Vaughan	Poca. No. 3	4- 6	Fan	47	539
C. A. Warden	J. F. Bowles	Poca. No. 3	4- 5	Fan	141	540
W. J. Pritchard	Thos. Luke	Poca. No. 3	4- 8	Fan	223	541
W. J. Pritchard	M. Watt	Poca. No. 3	4- 8	Fan	92	542
D. H. Frazier	R. Q. Maloney	Poca. No. 3	4- 4	Fan	137	543
J. T. Morris	J. L. Perdeau J. S. Woodyard	Poca. No. 3	4- 6	Fan	175	544
Jas. Christopher	Walter Iman	Upper Freeport	5- 0	Fan	121	545
S. S. Harvey	W. D. Howard	Bakerstown	3- 0	Fan	42	546
Howard Cross	H. H. Cross	Freeport	4- 0	Fan	52	547
J. E. Ott	E. M. Sheets	Pittsburgh	12-0	Natural	46	548
J. E. Ott	B. S. Coleman	Freeport	3-10	Fan	101	549
O. Tibbetts	John Tibbetts	Kittanning	5- 8	Fan	108	550
J. E. Ott	J. W. Kilroy	Freeport	3-10	Fan	79	551
O. Tibbetts	John Tibbetts	Bakertown	4- 0	Fan	59	552
O. Tibbetts	John Tibbetts	Bakertown	4- 0	Fan	92	553
Thomas Swann	Thomas Swann	Kittanning	4- 0	Furnace	25	554
Phillip Brown	Chas. M. Davis	Lower Kittanning	6- 6	Fan	106	555
E. R. Brydon	Alfred Fortney	Kittanning	6- 0	Furnace	28	556
O. D. Harris	Mont Harris	Four Foot	2- 4	Natural	9	557
F. H. Tibbetts	F. H. Tibbetts	Bakerstown	4- 0	Fan	85	558
F. H. Tibbetts	F. H. Tibbetts	Kittanning	6- 0	Fan	60	559
D. S. Holmes		Winifrede & Coalburg	4- 8	Fan	142	560
M. V. Crigger	Michael Hofstetter	Winifrede & Coalburg	6- 0	Fan	91	561
J. W. Yost	J. G. Scott	Glenalum	5- 0	Fan	275	562
J. W. Yost	Edw. Buchanon Jas. Roach	Glenalum	6- 0	Fan	133	563
L. J. Blankenship	L. J. Blankenship	No. 2 Gas	4- 8	Fan	48	564
W. S. Estler	E. B. Varney	Winifrede & Coalburg	5- 0	Fan	143	565
W. S. Estler	Jos. Shorthouse	Winifrede	5- 0	Fan	101	566
W. S. Estler	Jno. Kidwell	Winifrede & Coalburg	5- 0	Fan	117	567
Jas. F. Beavers	Geo. Booth	Red Jacket	4- 2	Fan	50	568
T. A. Shewey	J. W. Lambert	War Eagle No. 1	5- 0	Fan	40	569
W. H. Kirkpatrick	C. New	Winifrede & Thacker	4- 8	Fan	138	570
	J. W. Estep	Coalburg	4- 6	Fan	83	571
W. A. Wilson	C. L. McKinnon	Red Jacket & Thacker	4- 6	Fan	181	572
W. A. Wilson	W. L. Marshall	Alma	5- 6	Fan	109	573
W. A. Wilson	John Foit	Red Jacket	4- 8	Fan	364	574
W. A. Wilson	G. W. Hawthorne	Red Jacket	4- 6	Fan	44	575
O. B. Gould	Dave Childers	White Ash Block	6- 0	Fan	84	576
D. M. Gann	R. C. Bennett	Alma & Thacker	4- 6	Fan	77	577
H. H. Randolph	Thos. Dooly	Lower Thacker	4- 4	Natural	22	578
Evan Thomas	Robt. Erskine	Winifrede	4- 5	Fan	199	579
Jno. M. Lewis	Fred Miller, Chas. Sigman	Thacker	5- 8	Fan	117	580
Jno. M. Lewis	Jno. Massing	Thacker	6- 0	Furnace	5	581
Jno. M. Lewis	Jno. Massing	Thacker	4- 6	Fan	126	582
Geo. W. Coffey	S. Barnett	War Eagle No. 1	5- 0	Fan	31	583
Geo. W. Coffey	J. K. Coffey	War Eagle No. 1	5- 0	Fan	37	584
G. W. Welch	C. P. Anderson	Alma, Thacker	4- 8	Fan	117	585
J. F. Jams	J. E. Hubbord H. H. Kelly	White Star Winifrede	4- 0	Fan	126	586
U. N. Arnett	E. O. Perkey	Pittsburgh	8- 6	Natural	30	587
W. H. Hess	C. H. Johnson	Pittsburgh	6- 7	Natural	68	588
J. B. Hanford	O. T. Barnard	Upper Freeport	4- 0	Fan	146	589
J. B. Hanford	Floyd Gandy	Pittsburgh	8- 0	Fan	137	590
A. Gordon Tait	W. H. Deets	Pittsburgh	9- 6	Natural-Furnace	9	591
G. B. Hartley	J. W. Dennison	Pittsburgh	9- 0	Fan	48	592
T. E. Thomas		Pittsburgh & Red Stone	9- 0 5- 6	Furnace	14	593
S. A. Carson	A. Laing	Pittsburgh	6- 6	Furnace	50	5

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		NICHOLAS COUNTY			
595	Eighth	Coalbell Coal Co	Trees Nos. 1 and 2	Drift	Bentree, W. Va.
596	Fifth	Pardee & Curtin Lumber Co	Panther Creek-Camp No. 21	Drift	Curtin
597	Fifth	Saxman Coal & Coke Co., The	Nos. 1, 2 and 3	Drift	Saxman
		OHIO COUNTY			
598	First	Creighton, W. F.	Creighton	Slope	Elm Grove
599	First	Elm Grove Coal Co	Elm Grove	Shaft	Elm Grove
600	First	Richland Coal Co	Richland	Drift	Wheeling
601	First	Storch, Peter & Sons	Storch	Drift	Edgington Lane
602	First	Whittaker-Glessner Co	Carter	Drift	Wheeling
		PRESTON COUNTY			
603	Third	Austen Coal & Coke Co	Austen No. 1	Drift	Austen
604	Third	Austen Coal & Coke Co	Austen No. 2	Drift	Austen
605	Third	Borgman Coal Co	No. 1	Drift	Tunnelton
606	Third	Elkins Coal & Coke Co	No. 2	Drift	Bretz
607	Third	Elkins Coal & Coke Co	No. 4	Drift	Kingwood
608	Third	Elkins Coal & Coke Co	No. 6	Drift	Masontown
609	Third	Gorman Coal & Coke Co	Nos. 2 and 3	Drift	Austen
610	Third	Hiorra Coke Co	Vulcan No. 1	Drift	Hiorra
611	Third	Irona Coal Co	Irona Nos. 1 and 2	Drift	Kingwood
612	Third	Kendall Lumber Co	Arnold Run No. 1	Drift	Crellen, Md.
613	Third	Gordon B. Late	Late No. 1	Slope	Independence
614	Third	Merchant's Coal Co. of Pa	Tunnelton	Drift	Tunnelton
615	Third	Preston Coal Co	Preston No. 1	Shaft	Independence
616	Third	Preston County Coke Co	Cascade Nos. 1, 2, 3, 4 and 5	Drift	Cascade
617	Third	Somerset Smokeless Coal Co	Tunnelton	Drift	Tunnelton
618	Third	Virginia-Maryland Coal Corporation	Scotch Hill	Shaft	Newburg
619	Third	John Wills Coal Co	Wills No. 4	Drift	Corinth
		PUTNAM COUNTY			
620	Fifth	Black Betsy Coal & Mining Co	No. 3	Drift	Black Betsy
621	Fifth	Otto Marmet Coal & Mining Co., The	Big Otto Nos. 1, 2, and 3	Drift	Raymond City
622	Fifth	Plymouth Coal Mining Co	Plymouth	Drift	Plymouth
		RALEIGH COUNTY			
623	Tenth	Bailey-Wood Coal Co	Bailey-Wood	Drift	McAlpin
624	Ninth	Beckley Coal & Coke Co	Beckley	Slope	Wickham
625	Ninth	Blue Jay Lumber Co	Blue Jay No. 4	Drift	Glen Morgan
626	Sixth	Clear Fork Coal Co	Leevale	Drift	Jarrolds Valley
627	Ninth	Cranberry Fuel Co	Cranberry	Shaft	Cranberry
628	Ninth	Cranberry Fuel Co	Sprague	Drift	Sprague
629	Sixth	Four States Coal & Coke Co	Dorothy	Drift	Dorothy
630	Sixth	Four States Coal & Coke Co	Sarita	Drift	Dorothy
631	Tenth	Gulf Coal Co	Nos. 1, 2, and 3	Drift	Hotcoal
632	Tenth	Gulf Smokeless Coal Co	Tams Nos. 1, 2 and 3	Drift	Tams
633	Ninth	Lanark Coal Co	Lanark No. 4	Drift	Lanark
634	Ninth	Lilly Mining Co	Whorley Nos. 1 and 2	Drift	Glen Morgan
635	Tenth	Lynwin Coal Co	Lynwin	Drift	Winding Gulf
636	Tenth	MacAlpin Coal Co	MacAlpin	Drift	McAlpin
637	Ninth	Mabscott Coal & Coke Co	Mabscott	Drift	Mabscott
638	Sixth	Marsh Fork Coal Co	Marsh Fork	Drift	Jarrold's Valley
639	Ninth	McKell Coal & Coke Co	Graham Nos. 1 and 2	Drift	Tamroy
640	Ninth	McKell Coal & Coke Co	Oswald Nos. 1, 2, 3 and 4	Drift	Oswald
641	Ninth	McKell Coal & Coke Co	Tamroy	Drift	Tamroy
642	Ninth	New River Collieries Co	Eccles No. 3	Shaft	Eccles
643	Ninth	New River Collieries Co	Eccles No. 5	Shaft	Eccles
644	Ninth	New River Collieries Co	Eccles No. 6	Shaft	Eccles
645	Ninth	Pemberton Coal & Coke Co	Affinity	Slope	Affinity
646	Tenth	Pemberton Coal & Coke Co	Big Stick	Drift	Affinity
647	Ninth	Pemberton Fuel Co	Pemberton	Drift	Pemberton
648	Ninth	Piney Mining Co	Nos. 1 and 2	Drift	Stanaford
649	Ninth	Piney Mining Co	No. 3	Drift	Stanaford
650	Ninth	Piney Mining Co	No. 4	Drift	Stanaford
651	Ninth	Raleigh Coal & Coke Co	Nos. 1, 2 and 4	Drift	Raleigh
652	Ninth	Raleigh Coal & Coke Co	No. 3	Drift	Raleigh
653	Ninth	Raleigh Coal & Coke Co	No. 5	Drift	Raleigh
654	Ninth	Raleigh Coal & Coke Co	No. 6	Drift	Raleigh
655	Ninth	Royal Coal Company	Royal	Drift	Royal

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
A. Archibald	A. Anderson, Glen Pugh	Belmont	4- 6	Fan	51	595
Jos. Boggs		New River	4- 0	Furnace	9	596
Geo. R. Saxman	W. S. Buzzard	Sewell	3- 6	Fan	81	597
W. F. Creighton	F. L. Davis	Pittsburgh No. 8	5- 0	Fan	7	598
J. B. Chambers	Albert Eikey	Pittsburgh No. 8	4- 5	Fan	55	599
L. W. Brown	E. S. Wade	Pittsburgh	5- 4	Fan	439	600
John Storch		Pittsburgh	5- 0	Furnace	10	601
W. H. Kasley	W. E. McGlone	Pittsburgh No. 8	5- 0	Fan	60	602
F. W. Horchler	J. T. Cook	Upper Freeport	4- 6	Fan	135	603
F. W. Holchler	J. T. Cook	Upper Freeport	4- 6	Fan	23	604
F. W. Borgman	H. M. Stevenson	Freeport	5- 6	Fan	64	605
J. B. Hanford	Jos. Hanford	Upper Freeport	4- 0	Fan	236	606
J. B. Hanford	I. B. Bowmaster	Upper Freeport	4- 0	Fan	68	607
J. B. Hanford	H. F. Loftus	Upper Freeport	4- 0	Fan	184	608
Thos. Murphy	P. H. Knotts	Upper Freeport	4- 6	Natural	30	609
Geo. L. Humphreys	U. G. Deahl	Upper Freeport	4- 4	Fan	61	610
D. J. Williams	W. M. Bulton	Upper Freeport	4- 0	Fan	53	611
Chas. W. Ream	P. L. Mersing	Upper Freeport	3- 6	Natural	9	612
M. Mannix	M. Mannix	Kittanning	4- 6	Fan	35	613
W. G. Srodes	H. D. Zinn	Upper Freeport	4- 6	Fan	197	614
A. C. Poling	A. C. Poling	Kittanning	6- 0	Fan	273	615
E. Bierer	Clyde Marteny	Upper Freeport	4- 6	Fan	118	616
W. G. Srodes	David Zinn	Upper Freeport	4- 6	Fan	197	617
L. C. Stevenson	John Lennon	Lower Kittanning	5- 0	Fan	68	618
M. C. Kelly	Homer Koontz	Kittanning	7- 4	Fan	20	619
T. W. Woodward	Chas. R. Santrock	Pittsburgh	5- 6	Fan	265	620
Edw. Schonebaum	Andrew Utt, Chas. C. Cawley	Pittsburgh	6- 0	Fan	407	621
W. C. Mitchell	C. R. Humphrey, Robt. Fields	Pittsburgh No. 8	5- 6	Fan	330	622
J. C. Baker	C. B. Bryant	Beckley	5- 6	Fan	110	623
W. E. Griffiths	A. B. Reese	Sewell	4- 6	Fan	142	624
P. C. Lynch	B. B. Gilkinson	Beckley	3- 0	Natural	7	625
Jno. W. Branham	Wm. Coiner	Winifrede	6- 0	Fan	87	626
A. Hiram Shafer	John Mallabone	Sewell	4- 6	Fan	185	627
W. E. Griffiths	John Burns	Sewell	4- 0	Fan	114	628
	F. E. Williams, C. E. Foster	Dorothy	11- 6	Fan	285	629
	A. D. Hemmings, Ed. Hope	Dorothy	11- 6	Fan	255	630
W. H. Ruby	O. Williams	Beckley	4- 6	Fan	92	631
W. P. Tams, Jr.	Adam Lindley	Beckley	6- 0	Fan	293	632
H. S. Nelson	A. E. Easton	Sewell	4- 0	Fan	53	633
Wm. Hackworth	D. F. Johnson	Beckley	4- 0	Furnace	28	634
E. J. Flanigan	G. W. Dixon	Beckley	4-10	Fan	96	635
Alex Laing	W. A. Gilchrist	Beckley	5- 3	Fan	201	636
W. E. Griffiths	O. I. Jenkins	Sewell	4- 0	Fan	114	637
W. H. Pettus	John Rutherford	Coalburg	5- 6	Fan	132	638
C. G. Wood	G. C. Stone	Sewell	4-10	Fan	46	639
W. R. Ballard	W. D. Knight	Sewell	4- 6	Fan	142	640
C. G. Wood	Ira Boyd	Sewell	4- 0	Fan	97	641
M. E. Kent	Oscar Kephart	Beckley	7- 1	Fan	183	642
M. E. Kent	Wm. Nicholson	Beckley	7- 1	Fan	204	643
M. E. Kent	Frank Barrett	Sewell	4- 6	Fan	73	644
G. A. Hinterleitner	D. W. Miller	Beckley	3-10	Fan	89	645
G. A. Hinterleitner	J. A. Connor	Beckley	6- 0	Fan	85	646
Prince E. Lilly	Frank Beard	Beckley	4- 6	Fan	70	647
	M. P. Campbell	Beckley	5- 0	Fan	193	648
C. M. Binford	Wm. D. Crickmer	Sewell	4- 2	Fan	70	649
C. M. Binford	Frank McClain	Beckley	4- 6	Fan	108	650
Jas. P. White	T. L. Conoway	Beckley	4- 6	Fan	93	651
Jas. P. White	Ed. Vacheresse	Beckley	4- 6	Fan	140	652
Jas. P. White	D. J. Davis	Beckley	4- 0	Fan	23	653
Jas. P. White	F. R. Clark	Beckley	5- 0	Fan	176	654
Edward E. Huddleston	H. T. Tucker	Fire Creek	3- 0	Natural & Fan	47	655

DIRECTORY OF MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30, 1915.

No.	District	Name of Company	Name of Mine	Kind of Opening	Post Office Address
		RALEIGH CO.—Continued			
656	Ninth	Slab Fork Coal Company	Nos. 2, 3, 5, 6 and 7	Drift	Slab Fork
657	Ninth	Stonewall Coal & Coke Co.	No. 3	Drift	Stonewall
658	Ninth	Stonewall Coal & Coke Co.	Terry No. 2, 3 and 4	Drift	Terry
659	Ninth	Sullivan Coal & Coke Co.	Sullivan	Drift	Sullivan
660	Ninth	West Virginia Coal Mining Co., The	Ragland	Drift	Skelton
661	Ninth	White Coal Co., E. E.	Glen White Nos. 1, 2	Shaft	Glen White
662	Tenth	White Coal Co., E. E.	Stotesbury Nos. 1, 3, 5, 6, 7	Drift	Glen White
663	Tenth	Winding Gulf Colliery Co.	Nos. 1 and 3	Slope	Winding Gulf
664	Tenth	Winding Gulf Colliery Co.	No. 2	Shaft	Winding Gulf
665	Ninth	Woodpeck Coal Co.	Woodpeck	Drift	Sullivan
666	Ninth	Wright Coal & Coke Co.	Wright No. 1	Drift	Wright
667	Ninth	Wright Coal & Coke Co.	Wright No. 2	Drift	Wright
		RANDOLPH COUNTY			
668	Fourth	Brady Coal Co.	Klondike	Drift	Mable
669	Fourth	Davis Coal & Coke Co., The	Weaver No. 1	Drift	Weaver
670	Fourth	Davis Coal & Coke Co., The	Weaver No. 2	Drift	Weaver
671	Fourth	Davis Colliery Co.	Coalton	Drift	Coalton
672	Fourth	Davis Colliery Co.	Coaling Station	Drift	Harding
673	Fourth	Davis Colliery Co.	Harding	Drift	Harding
674	Fourth	Davis Colliery Co.	Sivad No. 2	Drift	Harding
675	Fourth	Green, W. H.	Williette	Drift	Weaver
676	Fourth	Jenkins Coal & Coke Co., The J. B.	Ariana	Drift	Mabie
677	Fourth	West Va. Pulp & Paper Co.	Hopkins	Drift	Cass
		TAYLOR COUNTY			
678	Third	Davis, Estate of T. B.	Davis	Drift	Flemington
679	Third	Delmar Coal Company	Barry	Drift	Flemington
680	Third	Grafton Coal & Coke Co.	Sandlick No. 1	Drift	Grafton R. F. D. No. 6
681	Third	Grafton Coal & Coke Co.	Sandlick No. 2	Drift	Grafton R. F. D. No. 6
682	Third	Harrison Coal Co.	Harrison	Drift	Rosemont
683	Third	Maryland Coal Co. of West Virginia	Wendel Nos. 1 and 2	Drift	Wendall
684	Third	McGraw Coal Company	New York No. 1	Drift	Simpson
685	Third	Pittsvein Coal Co.	No. 4	Drift	Flemington
686	Third	Rosemont Coal Co.	Rosemont	Drift	Rosemont
687	Third	Sterling Coal Co., Ltd.	Cecil	Drift	Cecil
688	Third	Winona Coal & Coke Co.	Winona	Drift	Grafton
		TUCKER COUNTY			
689	Fourth	Cooper, J. Calvin	Cooper	Drift	Davis
690	Fourth	Cumberland Coal Co.	Douglas No. 1	Drift	Albert
691	Fourth	Cumberland Coal Co.	Douglas No. 2	Drift	Albert
692	Fourth	Cumberland Coal Co.	Douglas No. 6	Drift	Albert
693	Fourth	Davis Coal & Coke Co., The	No. 23	Drift	Thomas
694	Fourth	Davis Coal & Coke Co., The	No. 24	Drift	Thomas
695	Fourth	Davis Coal & Coke Co., The	No. 25	Drift	Thomas
696	Fourth	Davis Coal & Coke Co., The	No. 26	Drift	Benbush
697	Fourth	Davis Coal & Coke Co., The	No. 34	Shaft	Thomas
698	Fourth	Davis Coal & Coke Co., The	No. 35	Drift	Thomas
699	Fourth	Davis Coal & Coke Co., The	No. 36	Drift	Thomas
700	Fourth	Davis Coal & Coke Co., The	No. 37	Drift	Thomas
701	Fourth	Davis Coal & Coke Co., The	No. 38	Shaft	Benbush
702	Fourth	Davis Coal & Coke Co., The	No. 39	Shaft	Pierce
703	Fourth	Davis Coal & Coke Co., The	No. 40	Shaft	Pierce
704	Fourth	Davis Coal & Coke Co., The	No. 41	Slope	Thomas
705	Fourth	Davis Coal & Coke Co., The	No. 43	Slope	Pierce
		UPSHUR COUNTY			
706	Second	Buckhannon River Coal & Coke Co.	Florence No. 2	Drift	Adrian
707	Second	Red Rock Fuel Company	Red Rock	Drift	Red Rock
		WAYNE COUNTY			
708	Twelfth	East Lynn Coal Co.	No. 1	Drift	East Lynn
		WYOMING COUNTY			
709	Tenth	Meade-Pocahontas Coal Co.	Meade-Pocahontas	Drift	Tralee
710	Tenth	Mullens Smokeless Coal Co.	Mullens Smokeless		Mullens
711	Tenth	Trace Fork Coal Co.	Trace Fork No. 7	Drift	Mullens
712	Tenth	Virginia Smokeless Fuel Co.	Virginia Smokeless	Drift	Mullens
713	Tenth	Wyoming Coal Co.	Nos. 1, 2, 3, and 4	Drift	Wyco
714	Tenth	Sabine Smokeless Coal Co.	Sabine Smokeless	Drift	Otsego

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF EMPLOYEES.

Name of Superintendent	Name of Mine Foreman	Name of coal-bed worked	Thickness Ft.—In.	Kind of Ventilation	Total number employees	No.
W. M. Warwick	H. R. Neal, F. J. Webb, John Sweeney	Beckley	4- 4	Fan	336	656
F. M. Lee	Farmer Litton	Fire Creek	2- 2	Fan	6	657
M. W. Murphy	Ed. Littlejohn	Fire Creek	3- 6	Fan	72	658
	Lawrence Wiley	Beckley	4- 6	Fan	149	659
T. R. Ragland	V. D. Johnson	Sewell	3- 6	Fan	33	660
E. E. White	F. J. McHugh	Beckley	5- 8	Fan	212	661
C. R. Stahl	J. F. Virgin, H. E. Roberts	Beckley	4- 4	Fan	215	662
F. M. Cook	H. J. Reed	Beckley	4- 6	Fan	270	663
F. M. Cook	J. D. Swim	Beckley	4- 6	Fan	162	664
	R. L. Crews	Beckley	4- 6	Fan	35	665
M. W. Murphy	T. J. McQuade	Fire Creek	2-10	Fan	65	666
M. W. Murphy	F. E. Brown	Fire Creek	2-10	Fan	61	667
Russell W. Wilmoth	J. G. Witt	Lower Kittanning	7- 2	Fan	22	668
H. H. Harrison	P. J. Smallridge	Kittanning	6- 0	Fan	39	669
H. H. Harrison	Ed. Pill	Kittanning	6- 0	Fan	119	670
Jos. Hoylman	N. A. Ford	Kittanning	6- 6	Fan	180	671
Leslie Wilmoth		Kittanning		Furnace	10	672
A. C. Davis	O. G. Shomo	Kittanning	6- 0	Fan	125	673
Leslie Wilmoth		Kittanning	6- 0	Furnace	36	674
W. H. Green	John Condry	Kittanning	6- 0	Furnace	25	675
Geo. N. Finch	David D. Edwards	Kittanning	8- 6	Fan	52	676
E. P. Shaffer	D. S. Seaman	Pittsburgh	4- 8	Furnace	20	677
W. E. Heskitt	W. M. Drainer	Pittsburgh	7- 0	Fan	46	678
E. A. Pople	E. A. Pople	Pittsburgh	8- 0	Fan	19	679
E. J. Fahey	John P. McGraw	Pittsburgh	7- 0	Natural	12	680
E. J. Fahey	John P. McGraw	Pittsburgh	7- 0	Natural	51	681
H. O. Smith	D. O. Smith	Pittsburgh	8- 0	Fan	32	682
David Williamson	W. E. Starford, Jas. Murphy, David Davis	Pittsburgh	6- 0	Fan	554	683
Jas. Smyth	L. T. Sturm	Pittsburgh	7- 6	Fan	57	684
Geo. S. Brackett	A. B. Spencer	Pittsburgh	7- 0	Fan	117	685
J. A. Haislet	J. E. Hamilton	Pittsburgh	8- 0	Fan	235	686
M. P. Brady	M. P. Brady	Upper Freeport	4- 6	Fan	29	687
M. H. Smith	John Rollason	Lower Freeport	6- 0	Fan	53	688
J. Calvin Cooper	J. Calvin Cooper	Six Foot Vein	6- 0	Furnace	10	689
James J. Dobbie	G. W. Burk	Kittanning	6- 6	Fan	142	690
Jas. J. Dobbie	Walter Pill	Kittanning	6- 6	Fan	57	691
Jas. J. Dobbie		Kittanning	6- 6	Fan	11	692
Mathew Blair	M. O'Brien	Upper Freeport	5- 0	Fan	167	693
A. Beveridge	M. N. Utterback	Upper Freeport	5- 0	Fan	49	694
Mathew Blair	Thos. O'Brien	Upper Freeport	5- 0	Fan	57	695
R. N. Hosler	R. K. Bogart	Upper Freeport	4- 0	Fan	66	696
Mathew Blair	S. E. Hawkshaw	Lower Kittanning	5- 0	Fan	80	697
A. Beveridge	Gilbert Seaman	Lower Kittanning	5- 0	Fan	24	698
A. Beveridge	A. G. Waddell	L. Kittanning	4- 0	Fan	141	699
A. Beveridge	W. P. Beveridge	L. Kittanning	5- 0	Fan	123	700
R. M. Hosler	Wm. Lewis	L. Kittanning	5- 0	Fan	210	701
W. W. Brewer	J. L. Jeffries	L. Kittanning	5- 0	Fan	174	702
W. W. Brewer	F. S. Tasker	L. Kittanning	5- 6	Fan	176	703
A. Beveridge	Robt. Beattie	L. Kittanning	3- 0	Fan	44	704
W. W. Brewer	D. A. Brown	L. Kittanning	6- 0	Fan	60	705
R. J. Humphries	Wade Conley	Masontown	6- 0	Fan	46	706
Wm. Reppert	Wm. Reppert	Red Stone	4- 0	Fan	83	707
Okey Loyd	Okey Loyd	East Lynn	5- 0	Furnace & Fan	82	708
J. C. Sullivan	D. H. Lucas	Poca. No. 3	4- 4	Fan	53	709
Harry Harland	G. R. Scott	Poca. No. 3	4- 2	Furnace & Natural	8	710
J. G. Thomas		Poca. No. 3	4- 2	Fan	28	711
B. D. Dimman	Geo. R. Scott	Poca. No. 3	4- 5	Fan	44	712
J. W. Wilson	John Hancock	Poca. No. 3	4- 0	Furnace	64	713
C. H. Mead	W. B. Parks	Poca. No. 3	4- 0	Natural	30	714

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mine	First Six Months	Second Six Months	Total Coke Production for Year	
BARBOUR COUNTY												
Boat Run Coal Co.	Boat Run No. 1		8,200	8,200	480	10		7,710				B. & O.
Century Coal Co., The	No. 1	157,753	142,707	300,460	6,000	1,050		293,410				B. & O.
Century Coal Co., The,,	No. 2	39,706	70,766	110,472		163		110,309				B. & O.
Consolidation Coal Co,. The	No. 37	97,525	111,299	208,824	4,755	859		203,210				B. & O.
Crawford, H. M.	Adma											
Davis C. & C. Co.	Dartmoor No. 4	60,182	84,022	144,204	1,161	239		142,804				W. M.
Davis Colliery Co.	No. 4	15,598		15,598	296	135	3,928	11,239	3,079		3,079	W. M.
Empire Coal Mining Co.	Empire											
Gage C. & C. Co.	Sara	7,920	12,646	20,566	685	536	17,449	1,896	4,551	8,498	13,049	W. M.
Grafton Fuel Co.	Lillian	24,636	21,670	46,306	774	100		45,432				B. & O.
Humphrey's Coal Co.	Humphreys	26,610	18,348	44,958	1,103	397		43,458				B. & O.
Luella C. & C. Co.	Luella	21,450	11,320	32,770		100		32,670				B. & O.
Sandridge, Lee J., C. Co.	Meriden No. 1 and 2	20,490	9,380	29,870	2,625	1,155		26,090				B. & O.
Totals		471,870	490,358	962,228	17,879	4,744	21,377	918,228	7,630	8,498	16,128	
BOONE COUNTY												
Anchor Coal Co.	Anchor	65,771	59,936	125,707	646	490		124,571				C. & O.
Big Eagle Mining Co.	Big Eagle	1,169	4,338	5,507				5,507				C. & O.
The Coal River Co.	Coal River	40,119	37,222	77,341	1,087	819		75,435				C. & O.
Hickory Ash Coal Co.	Hickory Ash	34,768	15,662	50,430		430		50,000				C. & O.
Horse Creek Block C. Co.	Opal No. 1	12,829	13,354	26,183	515	187		25,481				C. & O.
Peytona Block Coal Co.	Peytona Block	22,549	12,851	35,445	346	50		35,049				C. & O.
Seng Creek Coal Co.	Seng Creek	49,940	37,232	87,172	1,623	355		85,194				C. & O.
Spruce River Co., The	Ramage No. 2	37,245	30,565	67,810	1,005	620		66,185				C. & O.
Webb Coal Mining Co.	Ferndale	50,120	50,120	100,240	1,680			98,560				C. & O.
Totals		314,555	261,280	575,835	6,902	2,951		565,982				
BRAXTON COUNTY												
Copen Creek Coal Co.	Vanwith	25,000	25,000	50,000		250		49,750				C. & C.
Davis Colliery Co.	Bower No. 10, 3, 7	95,322	83,930	179,252	3,084	637		175,531				C. & C.
Davis Colliery Co.	Copen No. 11	37,312	27,642	64,954	22	464		64,468				C. & C.
Totals		157,634	136,572	294,206	3,106	1,351		289,749				

BROOKE COUNTY												
Clifton Coal Co.	Clifton No. 1	46,270	46,986	93,256	1,349	385		91,522				Wabash
LaBelle Iron Works	LaBelle Shaft	41,643	74,196	115,839	115,839							At Mill
Richland Block C. Co.	Beech Bottom	99,885	69,604	169,489		830		168,659				B. & O.
West Virginia-Pittsburgh C. Co.	LaBelle No. 4	53,881	41,861	95,742		7,239		88,503				P. C. C. & St. L
West Virginia-Pittsburgh C. Co.	Gilchrist No. 3	26,426	21,173	47,599	736	46		46,817				P. C. C. & St. L
West Virginia-Pittsburgh C. Co.	Locust Grove No. 1	106,795	98,606	205,401	2,717	156		202,528				P. C. C. & St. L.
Totals		374,900	352,426	727,326	120,641	8,656		593,029				
CLAY COUNTY												
Elk River Coal & Lbr. Co.	Rich Run	211,280	224,632	435,912	4,308	1,507		430,097				B. C. & G.
Elliott Splint Coal Co.	York No. 1	44,173	23,006	67,179	1,072	714		65,393				C. & C.
Queen Shoals Coal Co.	Burnzwell	11,989	16,565	28,554	266	734		27,554				C. & C.
Totals		267,442	264,203	531,645	5,646	2,955		523,044				
FAYETTE COUNTY												
Aileen Coal Co.	Aileen	14,763	12,921	27,684		255		27,429				C. & O.
Ajax Coal Co.	Ajax No. 1	9,427	6,337	15,764	325			15,439				C. & O.
Babcock C. & C. Co.	No. 3 and 4	30,379	28,907	59,286	1,518	4,326	18,676	34,766	5,456	6,131	11,587	C. & O.
Ballinger Coal Co.	No. 1	23,974	27,781	51,755	100	1,275		50,380				C. & O.
Beechwood C. & C. Co.	No. 1 and 2	31,195	35,011	66,206	685	1,222		64,299				C. & O.
Beury Bros. C. & C. Co.	Echo	21,725	34,530	56,255	550	360		55,345				C. & O.
Big Bend Coal Co.	Big Bend	11,150	11,280	22,430	350	330		21,750				C. & O.
Blume C. & C. Co.	Blume	29,795	35,635	65,430	2,000	2,000		61,430				C. & O.
Blume Estate, G. M.	Fayette	9,000		9,000	490	200		8,400				C. & O.
Boomer Coal & Coke Co.	No. 2 North	104,466	152,506	256,972	258	80		256,634				K. & M.
Boomer Coal & Coke Co.	No. 2 South	58,298	92,885	151,183	7,286	244		143,653				K. & M.
Boomer Coal & Coke Co.	No. 4	75,220	50,999	126,219	48	104		126,067				K. & M.
Boomer Coal & Coke Co.	No. 5	49,820	49,867	99,637	46	3,263		96,378				K. & M.
Branch C. & C. Co.	Elverton	15,479	21,955	37,434	1,800	475		35,159				C. & O.
Brown Coal Co.	Brown	24,747	42,333	67,080	600	500		65,980				C. & O.
Cannelton C. & C. Co.	No. 2	138,605	153,258	291,863	697	1,669		289,497				K. & M.
Cannelton C. & C. Co.	No. 3	15,134	6,786	21,920				21,920				K. & M.
Cannelton C. & C. Co.	No. 4	43,531	51,449	94,980				94,980				K. & M.
Christian Colliery Co.	No. 1	29,050	26,050	55,100	2,000	300		52,800				C. & O.
Christian Colliery Co.	Powellton	8,900	5,400	14,300				14,300				C. & O.
Collins Colliery Co.	Collins	56,745	24,851	81,596	1,570	624		79,402				C. & O.
Columbus Iron & Steel Co.	No. 1	66,044	52,552	118,596	3,906	2,165	56,618	55,997	19,876	18,063	37,944	K. & M.
Deitz Colliery Co.	No. 2 Gas	14,680	5,730	20,410	300	400		19,710				C. & O.
Dun Glenn Coal Co.	Dun Glen	6,150		6,150		40		6,110				C. & O.
Dunn Loop C. & C. Co.	Dunn Loop	95,360	106,243	201,603	1,613	1,126		198,864				C. & O.
Elmo Mining Co., The	Elmo	11,951	14,138	26,089	1,200	360		24,529				C. & O.
Ephriam Creek C. & C. Co.	Buffalo & Slater	65,563	65,760	131,323	2,044	1,351		127,928				C. & O.
Eureka Coal Co.	No. 2	9,273	6,575	15,848	1,750	754		13,344				C. & O.
vans & Son	Great Kanawha Colly. Co.	5,418	4,785	10,203	1,040	205		8,958				C. & O.

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COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mine	First Six Months	Second Six Months	Total Coke Production for Year	Railroad Located on
FAYETTE CO.—Continued												
Export Coal Co.	Export	13,686	15,724	29,410	300	300		28,810				C. & O.
Fire Creek C. & C. Co.	Buffalo	17,496	19,362	36,858	1,500	400	12,324	22,634	3,795	5,008	8,803	C. & O.
Fort Defiance C. & C. Co.	Fort Defiance	25,650	18,071	43,721	1,575			42,146				C. & O.
Gauley Mt. C. & C .Co., The	Buck Run	18,872	17,537	36,409	932	464		35,013				C. & O.
Gauley Mt. C. & C. Co., The	Scotia & Turkey Creek	55,319	52,846	108,165	5,152		36,421	66,592	8,275	15,029	23,304	C. & O.
Glendale Colliery Co.	Buck Lick		5,150	5,150				5,150				C. & O.
Gaymont Coal Co.	Gaymont		1,400	1,400				1,400				C. & O.
Greenwood Coal Co.	Greenwood	29,348	41,989	71,337	163	2,281		68,893				C. & O.
Harvey C. & C. Co.	Harvey	80,535	89,377	169,912	1,307	11,672		156,933				C. & O.
Hemlock Hollow C. & C. Co.	Hemlock	24,194	24,465	48,659		3,752		44,907				C. & O.
Hindson Coal Co.	Dun Glen		650	650				650				C. & O.
Johnson, W. R. Coal Co.	Oakland	5,669	34,271	39,940	1,331	489		38,120				K. & M.
Keeney's Creek Colliery Co.	Boone	26,607	18,376	44,983	900	1,140		42,943				C. & O.
Keeney's Creek Colliery Co.	Smokeless	33,970	25,830	59,800	400	2,400		57,000				C. & O.
Laura Mining Co.	Laura	12,654	9,761	22,415	266	195		21,954				C. & O.
Laurel Creek Coal Co.	Laurel	17,871	22,887	40,758		483		40,275				C. & O.
Long Branch Coal Co.	No. 2	71,560	51,000	122,560	1,000	1,000		120,560				C. & O.
Lookout C. & C. Co.	Lookout	17,403	18,836	36,239	500	700		35,039				C. & O.
Loup Creek Colliery Co.	Loup Creek No. 2	107,801	110,099	217,900	1,657	2,006		214,237				Virginian
Low Moor Iron Co. of Va.	Kaymoor No. 1	49,635	9,610	59,245	4,500	900	21,000	32,845	12,600		12,600	C. & O.
Low Moor Iron Co. of Va.	Kaymoor No. 2	14,401	4,743	19,144	90	450		18,604				C. & O.
Lynchburg Colliery Co.	No. 2 Gas	18,205	9,865	28,070	400	600		27,070				C. & O.
Macdonald Colliery Co.	Macdonald	32,186	22,170	54,356	1,402	894		52,060				C. & O.
M. B. C. & C. Co.	Columbia No. 5	18,048	10,598	28,646		1,434		27,212				C. & O.
M. B. C. & C. Co.	Elkridge No. 1	30,635	32,136	62,771				62,771				C. & O.
M. B. Coal & Coke Co.	Elkridge No. 2	34,955	44,187	79,142	2,400	5,400		71,342				C. & O.
M. B. C. & C. Co.	Kimberly No. 3	26,822	2,070	28,892	1,250	650		26,992				C. & O.
Meadow Fork Coal Co.	Meadow Fork	14,718	9,602	24,320	350	300		23,670				C. & O.
Mecca Colliery Co.												
Michigan Coal Co.	Michigan	9,557	11,042	20,599	244	348		20,007				C. & O.
Midvale Colliery Co.	Midvale	27,114	25,587	52,701		1,200		51,501				C. & O.
McKell C. & C. Co.	Derryhale	25,040	19,966	45,006	1,938	722		42,346				K. G. J. & E.
McKell C. & C. Co.	Kilsyth	59,984	60,928	120,912	7,654	1.233		112,025				K. G. J. & E.
Milburn Coal Co.	No. 1	57,193	93,102	150,295	640	597		149,058				C. & O.
Mill Creek Colliery Co.	Mill Creek	11,529	6,354	17,883	1,000			16,883				C. & O.

The Mt. Carbon Co., Ltd.	Vulcan	31,859	23,006	54,865	976	1,014	26,140	26,735	8,429	6,642	15,071	C. & O.
Mt. Hope C. & C. Co.	Baby	27,648	25,704	53,352	393	5,954		47,005				C. & O. & Va
Newlyn Coal Co.	Newlyn	11,517	11,107	22,624		350		22,274				C. & O.
New River Collieries Co.	Sun No. 1 and 2	169,146	166,814	335,960	6,728	1,556		327,676				C. & O. & Va
New River & Poca. Cons. Coal Co.	Layland No. 1, 2 and 3	136,885	111,317	248,202	6,232	1,382		240,588				L. C. Branch of C. & O.
New River & Poca. Cons. Coal Co.	Minden No. 2	50,564	67,464	118,028	9,534			108,494				C. & O.
New River & Poca. Cons. Coal Co.	Minden No. 3	72,701	58,690	131,391				131,391				C. & O.
New River & Poca. Cons. Coal Co.	Minden No. 4	67,025	97,863	164,888		4,674		160,214				C. & O.
New River & Poca. Cons. Coal Co.	Minden No. 5	55,330	72,470	127,800		1,338		126,462				C. & O.
New River & Poca. Cons. Coal Co.	Weirwood	4,596	14,787	19,383	691	552		18,140				Va.
Nichol Colliery Co.	Nichol	27,014	21,954	48,968	1,900	562		46,506				K. G. J. & E. & C. & O.
Nuttallburg Smokeless Fuel Co.	Nuttallburg	21,155	30,207	51,362	709	917		49,736				C. & O.
Prudence Coal Co.	Lyman No. 1, 2 & 3, Jones No. 2 & 3 & Prudence	68,543	51,893	120,436	1,029	930		118,477				C. & O.
Quinnimont Coal Co.	Big Q	13,874	18,926	32,800	165	400		32,235				C. & O.
Ridgeview Coal Co.	Ridgeview	1,666	4,035	5,701	300	120		5,281				C. & O.
River Valley Colliery Co.	Bachman	8,389	12,958	21,347	300	200		20,847				C. & O.
Rock Lick Coal Co.	Concho No. 1, Erskine No. 2	49,782	54,676	104,458	1,100	1,157		102,201				C. & O.
Rothwell Coal Co.	Dubree	16,761	14,760	31,521	700	330		30,491				C. & O.
Scotia C. & C. Co.	Brooklyn	28,230	26,385	54,615	486	1,000		53,129				C. & O.
Scotia C. & C. Co.	Red Ash	13,636	11,948	25,584		200		25,384				C. & O.
Scotia C. & C. Co.	Rush Run & Once More	26,052	26,058	52,110	3,712	1,000		47,398				C. & O.
Sewell Colliery Co.	Sugar Camp	20,957	21,650	42,607	1,000	500		41,107				C. & O.
Signal Knob Coal Co.	Signal Knob	9,492	4,974	14,466				14,466				C. & O.
Solvay Collieries Co.	Kingston 1, 2, 3, 4, 5	175,842	206,852	382,694	3,450	1,512		377,732				C. & O.
Solvay Collieries Co.	No. 1 Eagle No. 1 Powellton	37,743	24,949	62,692		470		62,222				C. & O.
South Side Company	South Side	36,467	33,268	69,735	663	1,150		67,922				C. & O.
The Star C. & C. Co.	Star	68,688	59,181	127,869	3,172	1,424		123,273				C. & O.
St. Clair Colliery Co.	St. Clair & Archer	28,929	60,094	89,023		840		88,183				C. & O.
Stone Cliff C. & C. Co.	Stone Cliff	16,513	20,685	37,198	1,072	13,907		22,219				C. & O.
Stuart Colliery Co.	Lochgelly	45,008	45,310	90,318	5,706	1,667		82,945				Va.
Stuart Colliery Co.	Summerlee	42,005	42,395	84,400	5,400	1,650		77,350				Va.
Sugar Creek C. & C. Co.	No. 1 and 2	34,151	30,527	64,678	2,016	1,496		61,166				Va., C. & O. K. G. J. & E.
Sunday Creek Coal Co.	No. 111	67,523	6,534	74,057	741	402		72,914				K. & M.
Sunday Creek Coal Co.	No. 112	69,269	81,555	150,824	5,185	1,628		144,011				K. & M.
Sunday Creek Coal Co.	No. 114	74,693	63,883	138,576	4,208	1,922		132,446				K. & M.
Sunday Creek Coal Co.	No. 116	3,499		3,499	400	17		3,082				K. & M.
Turkey Knob Coal.Co.	Turkey Knob	51,166	76,776	127,942	5,400	1,500	26,064	94,978	10,495	8,966	19,461	C. & O.
White Oak Fuel Co.	Carlisle	68,150	70,669	138,819	6,500	1,200		131,119				C. & O.
White Oak Fuel Co.	Whipple	40,296	37,652	77,948	6,030	969		70,949				C. & O.
White Oak Fuel Co.	Wingrove & Scarbro	75,521	62,997	138,518	4,642	221		133,655				C. & O.
Willis Branch Coal Co.	Willis Branch		10,000	10,000	100	50		9,850				Va.
Totals		3,932,784	3,949,088	7,881,872	161,577	121,799	197,243	7,401,253	68,926	59,844	128,770	

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mine	First Six Months	Second Six Months	Total Coke Production for Year	Railroad Located on
GILMER COUNTY												
Gilmer Fuel Co.	Gilmer	43,644	46,710	90,354	2,000	2,000		86,354				C. & C.
Katherine Coal Co.	Katherine		650	650				650				C. & C.
McCaa Coal Co.	McCaa	20,498	26,469	46,967	1,041	224		45,702				C. & C.
Totals		64,142	73,829	137,971	3,041	2,224		132,706				
GRANT COUNTY												
Buffalo Creek Cumberland C. Co.	No. 1	16,437	23,110	39,547	500	120		38,927				W. M.
Davis C. & C. Co.	Henry No. 22	51,747	68,900	120,647	3,679	415		116,553				W. M.
Jordon, S. H.	Cottage Street	1,002	3,925	4,927		247		4,680				W. M.
Totals		69,186	95,935	165,121	4,179	782		160,160				
GREENBRIER COUNTY												
Elk Lick Coal Co.	Spruce Knob	11,617	12,511	24,128	352	104		23,672				C. R. B. & Lbr. Co.
Totals		11,617	12,511	24,128	352	104		23,672				
HARRISON COUNTY												
Antler Coal Co.	Katherine	21,560	18,518	40,078				40,078				B. & O.
Byron Coal Co.	Althea	33,950	32,905	66,855				66,855				B. & O.
Blue Ridge Coal Co.	Thompson	6,278		6,278				6,278				B. & O.
Blue Ridge Coal Co.	Thompson	8,894		8,894				8,894				B. & O.
Calif Coal Co.	Calif	30,409	35,043	65,452				65,452				B. & O.
Central Fairmont Coal Co.	Snake Hill	46,207	42,485	88,692		9,503		79,189				B. & O.
Clarksburg Coal Mining Co.	Florida		5,812	5,812				5,812				B. & O.
Consolidation Coal Co., The	No. 21	67,329	98,618	165,947	6,425	901	25,269	133,352	7,164	10,090	17,254	B. & O.
Consolidation Coal Co., The	No. 23	9,319		9,319				9,319				B. & O.
Consolidation Coal Co., The	No. 25	80,818	123,466	204,284	2,956	805		200,523				B. & O.
Consolidation Coal Co., The	No. 27	18,976	34,591	53,567		72		53,495				B. & O.
Consolidation Coal Co., The	No. 29	34,391	61,609	96,000	91	88		95,821				B. & O.
Consolidation Coal Co., The	No. 32	108,592	167,619	276,211	1,182	932		274,097				B. & O.
Consolidation Coal Co., The	No. 33	10,882		10,882				10,882				B. & O.
Consolidation Coal Co., The	No. 35	16,451		16,451		27		16,424				B. & O.

Consolidation Coal Co. The	No. 39	22,156	18,203	40,359	1,659	221		38,479				B. & O.
Consolidation Coal Co. The	No. 40	57,698	109,961	167,650		312		167,338				B. & O.
Consolidation Coal Co. The	No. 42	27,354		27,354		28		27,326				B. & O.
Consolidation Coal Co. The	No. 44	11,452		11,452				11,452				B. & O.
Consolidation Coal Co. The	No. 48	21,533	40,228	61,761		58		61,703				B. & O.
Consolidation Coal Co. The	No. 50	25,761		25,761				25,761				B. & O.
Consolidation Coal Co. The	No. 51	44,619	89,450	134,099	1,500	406		132,193				B. & O.
Consolidation Coal Co. The	No. 52	29,042		29,042	793	112		28,137				B. & O.
Consolidation Coal Co. The	No. 54	19,379	40,919	60,298		47		60,251				B. & O.
Consolidation Coal Co. The	No. 55	35,618	23,282	58,900	1,069	76		57,755				B. & O.
Consolidation Coal Co. The	No. 58	14,217		14,217				14,217				B. & O.
Consolidation Coal Co. The	No. 60	7,533		7,533		7		7,526				B. & O.
Consolidation Coal Co. The	No. 62	18,134	21,971	40,105		16		40,089				B. & O.
Consolidation Coal Co. The	No. 64	15,953		15,953	998	83		14,872				B. & O.
Consolidation Coal Co. The	No. 65	20,508		20,508	563	11		19,934				B. & O.
Consolidation Coal Co. The	No. 66	28,028	50,428	78,456	1,990	79		76,387				B. & O.
Corona Coal & Coke Co	Harold	37,643	26,014	63,657		42		63,615				B. & O.
Fayette Coal Co	Fayette											
Fairmont & Clarksburg Coal Co.	Phoenix		10,080	10,080				10,080				B. & O.
Fairmont & Baltimore C. & C. Co.	Fairmore	39,979	24,818	64,797				64,797				B. & O.
Francois Coal & Coke Co	Norwood	30,817	33,351	64,168		500		63,668				B. & O.
Harry B. Coal & Coke Co	Pitcairn	92,148	78,716	170,864	1,949	200		168,715				B. & O.
Haywood Coal Mining Co	Monroe	40,513	11,854	52,367		90		52,277				B. & O.
Hutchinson Coal Co	Delta	30,735	26,834	57,569	5	156		57,408				B. & O.
Hutchinson Coal Co	Erie No. 1 and 2	113,170	81,364	194,534		68		194,466				B. & O.
Hutchinson Coal Co	Florence	50,293	45,580	95,873		22		95,851				B. & O.
Hutchinson Coal Co	Girard No. 1 and 2	51,022	47,905	98,927	2,042	355		96,550				B. & O.
Hutchinson Coal Co	Hutchinson No. 2 and 3	140,203	119,391	259,594	5,352			254,242				B. & O.
Hutchinson Coal Co	McCandlish	120,087	103,480	223,567	66	591		222,910				B. & O.
Hutchinson Coal Co	York	23,902	284	24,186	3			24,183				B. & O.
Hygrade Coal Co	Page	6,189		6,189				6,189				B. & O.
Johnson McIntire Coal Co	Gilbert	12,832		12,832				12,832				B. & O.
Klinefelter, J. S. & Co	Page	2,200	16,800	19,000				19,000				B. & O.
Lambert Run Coal Co	Clauson	33,811	52,202	86,013				86,013				B. & O.
Long, J. E. Coal Co	Burke	710	9,744	10,454				10,454				B. & O.
Madeira-Hill-Clark Coal Co	Goff	47,603	21,190	68,793				68,793				B. & O.
Maderia-Hill-Clark Coal Co	Randolph	76,427	43,183	119,610		198		119,412				B. & O.
Maderia-Hill-Clark Coal Co	Waldo	47,474	25,456	72,930		517		72,413				B. & O.
Marion Gas Coal Co	Bingamon	41,368		41,368		91		41,277				B. & O.
Marshall Coal Co	Marshall	72,056	46,923	118,979	1,214	104		117,661				B. & O.
Monongah Fuel Co	Gallihue	17,566	12,542	30,108		75		30,033				B. & O.
National Coal Co	National	5,198		5,198				5,198				B. & O. S. L
Orr Coal Mining Co	Miller No. 1	31,009	18,274	49,283				49,283				B. & O.
Orr Coal Mining Co	Miller No. 2	31,009	18,274	49,283				49,283				B. & O.
Orr-Shields Coal Co	Phoenix	14,766	1,480	16,246				16,246				B. & O.
Overholt Coal Co	Overholt	15,306	11,309	26,915				26,615				B. & O. S. L
Righter Coal & Coke Co	Righter	50,252	54,049	104,301				104,301				B. & O.
Rosebud Fuel Co	No. 1	17,477	2,406	19,883	221	56		19,606				B. & O.
Rosebud Fuel Co	No. 2	31,517	23,523	55,640	428	69		54,543				B. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	
HARRISON CO.—Continued												
Taylor Collieries Co.	No. 1	41,685	20,164	61,849		20		61,829				B. & O.
Templeton Coal Co.	Fowler No. 2	22,911	11,750	34,661				34,661				B. & O.
Vincent Coal Co.	Grasselli	21,853	10,570	32,423		300		32,123				B. & O.
Virginia-Maryland Coal Corp.	Willard No. 1, 2, 3	100,669	68,759	169,428	2,454	240		166,734				B. & O.
Winchester Coal Co.	Winchester	22,614	11,579	34,193		156		34,037				B. & O.
Totals		2,428,076	2,104,956	4,533.032	32,906	17,614	25,269	4,457,189	7,164	10,090	17,254	
KANAWHA COUNTY												
Belmont Coal Co.	Belmont	30,480	41,640	72,120	765	833		70,522				C. & O.
Black Band Fuel Co.	No. 1	29,058	31,774	60,832	3,961			56,634				C. & O.
Black Band Fuel Co.	No. 2	12,156	27,405	39,561	1,375	237		37,886				C. & O.
Blue Creek Coal & Land Co.	Blakeley No. 2	18,954	16,407	35,361		300		35,361				K. & W. Va.
Blue Creek Coal & Land Co.	Blakeley No. 3	25,206	13,495	38,701	803	962		36,936				K. & W. Va.
Blue Creek Coal & Land Co.	Blakeley No. 5	2,288	4,952	7,240		1,353		5,887				K. & W. Va.
Cabin Creek Consolidated Coal Co.	Acme	13,808	12,558	26,366		2,048		24,318				C. & O.
Cabin Creek Consolidated Coal Co.	Belleclare	30,178	27,786	57,964	640			57,324				C. & O.
Cabin Creek Consolidated Coal Co.	Black Tulip	41,161	27,041	68,202	1,738			66,464				C. & O.
Cabin Creek Consolidated Coal Co.	Buckeye	32,865	25,162	58,027				58,027				C. & O.
Cabin Creek Consolidated Coal Co.	Caledonia	7,640	6,849	14,489				14,489				C. & O.
Cabin Creek Consolidated Coal Co.	Cherokee	34,457	35,202	69,659		627		69,032				C. & O.
Cabin Creek Consolidated Coal Co.	Davis	27,060	19,703	46,763	357	695		45,711				C. & O.
Cabin Creek Consolidated Coal Co.	Empire	22,929	15,452	38,381				38,381				C. & O.
Cabin Creek Consolidated Coal Co.	Holly	18,194	16,177	34,371		397		33,974				C. & O.
Cabin Creek Consolidated Coal Co.	Kayford	55,725	29,781	85,506	5,505	272		79,729				C. & O.
Cabin Creek Consolidated Coal Co.	Keystone	11,323	9,894	21,217				21,217				C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 East	37,931	32,284	70,215				70,215				C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 West	37,358	29,823	67,181		3,354		63,827				C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 1	45,311	47,933	93,244		103		93,141				C. & O.
Cabin Creek Consolidated Coal Co.	Red Warrior	15,868	12,342	28,210	1,027	450		26,733				C. & O.
Cabin Creek Consolidated Coal Co.	Quarrier	32,024	21,781	53,805	1,613	459		51,733				C. & O.
Cabin Creek Consolidated Coal Co.	Rose	38,678	32,109	70,787				70,787				C. & O.
Cabin Creek Consolidated Coal Co.	Ruby	33,499	33,655	67,154		844		66,310				C. & O.
Cabin Creek Consolidated Coal Co.	Shamrock	72,984	83,418	156,492		45		156,357				C. & O.
Cabin Creek Consolidated Coal Co.	Thistle	29,473	20,088	49,561		4		49,557				C. & O.

Cabin Creek Consolidated Coal Co.	United Gas	50,179	57,262	107,441	980			106,461				C. & O.
Cabin Creek Consolidated Coal Co.	United Splint	40,769	34,884	75,653		807		74,846				C. & O.
The Campbell's Creek Coal Co.	No. 1	119,293	126,681	245,974	16,681	6,094		223,199				K. & M.
The Campbell's Creek Coal Co.	No. 3	44,576	51,252	95,828	4,023	716		91,089				K. & M.
Cannelton Coal & Coke Co.	No. 1	172,629	68,206	240,835	2,815	27		237,993				K. & M.
Chesapeake Mining Co.	Nos. 1 and 2	26,063	33,924	59,987	1,410	600		57,977				C. & O.
Carbon Coal Co.	Eagle	14,220	16,360	30,580		360		30,220				C. & O.
Carbon Coal Co.	South Carbon	18,445	24,090	42,535	4,135			38,400				C. & O.
Carbon Coal Co.	Splint	42,076	23,484	65,560		490		65,070				C. & O.
Carter-Spencer Block Coal Co.	South Hill											
Coalburg Colliery Co.	Ronda	57,232	31,290	88,522	1,314	1,121		86,087				C. & O.
Coalburg-Kanawha Coal Co.	"A"	15,411	20,437	35,848	95			35,753				C. & O.
Coalburg-Kanawha Coal Co.	"B"	26,308	34,525	60,833		781		60,052				C. & O.
Dry Branch Coal Co.	Dry Branch	37,050	37,050	74,100	960	400		72,740				C. & O.
East Bank Mining Co.	East Bank	5,000	3,850	8,850	50			8,800				C. & O.
Eureka Coal Co.	No. 1	13,084	15,544	28,628				28,628				C. & O.
Eureka Coal Co.	No. 6	10,142	13,043	23,185				23,185				C. & O.
Hackett Coal Co.	No. 1	4,700	1,200	5,900		90		5,810				K. & M.
Imperial Colliery Co.	No. 1	41,000	35,100	76,100	2,200			73,900				C. & O.
Imperial Colliery Co.	No. 3	39,600	16,400	56,000		500		55,500				C. & O.
Imperial Colliery Co.	No. 4	8,504	8,846	17,350				17,350				C. & O.
Kanawha River Coal Co.	No. 2 Gas		2,877	2,877				2,877				C. & O.
Kelly's Creek Collieries Co.	No. 1	63,060	30,880	93,940	839	317		92,784				K. & M.
Kelly's Creek Collieries Co.	Nos. 3 and 3 1-2	82,600	47,241	129,841	3,809	1,360		124,672				K. & M.
Lewis Coal & Coke Co.	Lewis No. 2	12,632	10,691	23,323	300	292		22,731				C. & O.
Lewiston Block Coal Co.	Lewiston Block	3,675		3,675		75		3,600				C. & O.
Marmet Coal Co.	Black Band	24,956	30,279	55,235				55,235				C. & O.
Marmet Coal Co.	Monarch	16,525	18,403	34,928	2,842	470		31,616				K. & M.
Marmet Coal Co.	New Butler	17,490	17,601	35,091	2,148	1,397		31,546				C. & O.
Mill Creek Cannel Mining Co.	Villa	4,600	1,500	6,100	350	75		5,675				C. & C.
Montgomery Coal Co.	Kanawha	7,727	7,440	15,167	458	384		14,325				C. & O. & K. R.
Morris Fork Coal Co.	Turner No. 2	32,944	24,722	57,666	754	270		56,642				C. & O.
National Bituminous C. & C. Co.	No. 1	26,854	6,601	33,455		388		33,067				C. & O.
National Bituminous C. & C. Co.	No. 2	43,936	48,611	92,547	1,501	915		90,131				C. & O.
Paint Creek Collieries Co.	Banner	15,537	2,780	18,317				18,317				C. & O.
Paint Creek Collieries Co.	Grose	28,555	19,995	48,550	1,217	1,067		46,266				C. & O.
Paint Creek Collieries Co.	Paint Creek	84,981	23,027	108,008	736	554		106,718				C. & O.
Paint Creek Collieries Co.	Reynolds	10,913	37,995	48,908	1,406	428		47,074				K. C.
Paint Creek Collieries Co.	Scranton	35,835	22,343	58,178	2,165	472		55,541				C. & O.
Paint Creek Collieries Co.	Wacomah	21,091	12,163	33,254	1,180	281		31,793				C. & O.
Penn Mar Mining Co.	Penn Mar	902	1,591	2,493		248		2,245				C. & C.
Quincy Coal Co.	No. 1	2,711	2,625	5,336				5,336				K. & M.
Quincy Coal Co.	No. 2	31,200	12,159	43,359	400	393		42,566				K. & M.
Republic Coal Co.	No. 1	20,210	15,830	36,040		120		35,920				C. & O.
Republic Coal Co.	No. 2	22,760	23,560	46,320		120		46,200				C. & O.
Republic Coal Co.	No. 3	22,864	24,876	47,740		400		47,340				C. & O.
Republic Coal Co.	No. 5	8,343	10,374	18,717		600		18,117				C. & O.
Southwestern Splint Fuel Co.	Black Cat	24,983	30,284	55,267	570	350		54,347				C. & O.
Standard-Kanawha Coal Mining Co.	Acme No. 2	12,061		12,061				12,061				K. & M.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.) First Six Months	Second Six Months	Total Coal Produced for Year	DISTRIBUTION OF COAL (Tons of 2240 lbs.) Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mine	PRODUCTION OF COKE (Tons of 2000 lbs.) First Six Months	Second Six Months	Total Coke Production for Year	Railroad Located on
Standard-Kanawha Coal Mining Co.	Coal Ridge No. 1	34,845	37,316	72,161	1,200	350		70,611				K. & M.
Standard Splint & Gas Coal Co.	Standard	51,318	20,294	71,612	981	5,737		64,894				C. & O.
Sunday Creek Co.	No. 101	22,938	109	23,047	543	225		22,279				K. & M.
Sunday Creek Co.	No. 104	34,055		34,055		630		33,425				K. C.-B.
Sunday Creek Co.	No. 105	81,238	26,099	107,337		3,737		103,609				K. C. B.
Sunday Creek Co.	No. 108	35,738	27,086	62,824		455		62,369				K. C. B.
Virginia Coal Co.	Virginia	13,500	13,750	27,250		250		27,000				K. & M.
Wake Forest Mining Co.	Wake Forest	52,768	45,732	98,500	1,500	1,000		96,009				C. & O.
West Virginia Colliery Co.	No. 1	35,695	39,795	75,490		490		75,000				C. & O.
West Virginia Colliery Co.	No. 3	65,568	72,212	137,780		480		137,300				C. & O.
West Virginia Colliery Co.	No. 4	32,153	31,347	66,500		400		66,100				C. & O.
Winifrede Coal Co.	North, South & West	69,003	59,196	128,199	6,273	3,321		118,605				C. & O.
Wyatt Coal Co.	Berlin	27,911	32,949	60,860	960	520		59,380				C. & O.
Wyatt Coal Co.	Horton	51,306	49,604	100,910		953		99,957				C. & O.
Wyatt Coal Co.	Oakley	18,382	20,258	38,640	960	500		37,180				C. & O.
Totals		2,840,252	2,293,331	5,142,586	85,539	54,993		5,002,054				
LEWIS COUNTY												
Burrows Coal Co.	Polar		300	300				300				B. & O.
Totals			300	300				300				
LINCOLN COUNTY												
Branchland Coal Co.	Branchland	17,554	13,347	30,901		16,435		14,466				C. & O.
Guyan River Coal Co.	Guyan	5,627	5,438	11,065		111		10,954				C. & O.
Totals		23,181	18,785	41,966		16,546		25,420				
LOGAN COUNTY												
Amherst Coal Co.	No. 1 and 2	55,254	69,323	124,577	1,122	598		122,857				C. & O.
Aracoma Coal Co.	No. 1 and 2	83,348	58,616	141,964	3,850	841		137,273				C. & O.
Argyle Coal Co.	Argyle	26,491	33,971	60,462		294		60,168				C. & O.
Avon Coal Co.	Avon	48,890	41,540	90,430	1,400	400		88,630				C. & O.
Bengal Coal Co.	Bengal	12,909	9,508	22,417	320	125		21,972				C. & O.
Black Hawk Colliery Co.	Black Hawk	8,255	4,010	12,265		77		12,188				C. & O.

Buffalo Eagle Colliery Co.	Buffalo Eagle	17,858	32,905	50,763				50,763				C. & O.
Buffalo Eagle Colliery Co.	Buffalo Eagle No. 2	9,191	16,620	25,811		304		25,507				C. & O.
Coal River Coal & Coke Co.	Dobra	70,596	65,461	136,057		693		135,454				C. & O.
Coal Valley Mining Co.	Sylvia	62,540	52,150	114,690	1,170			113,520				C. & O.
Cora Coal & Coke Co.	Cora	57,777	24,494	82,271		1,072		81,199				C. & O.
Crown Coal & Coke Co.	Crown	30,847	14,225	45,072	800	250		44,022				C. & O.
Cub Fork Coal Co.	Cub Fork	15,160	30,598	45,758		150		45,608				C. & O.
Draper Coal & Coke Co.	Draper	14,262	7,903	22,165	7,000	2,900		12,265				C. & O.
Eagle Island Coal Co.	Eagle Island	17,586	18,163	35,749	1,200	305		34,244				C. & O.
Ethel Coal Company, The	No. 1 and 2	114,267	82,507	196,774	2,640	820		193,314				C. & O.
Fort Branch Coal Corporation	Fort Branch	26,715	27,729	54,444	352	240		53,852				C. & O.
Frieze Fork Coal Mining Co., The	Frieze Fork	15,480	15,672	31,152		200		30,952				C. & O.
Gay Coal & Coke Co., The	Gay	74,894	58,243	133,137	936	504		131,697				C. & O.
George's Creek Coal Co. Inc.	George's Creek	31,225	33,070	64,295	1,700	250		62,345				C. & O.
Guyandotte Coal Co., The	Guyandotte	18,116	16,869	34,985	594	463		33,928				C. & O.
Island Creek Colliery Co.	Switzar	65,930	76,070	142,000	3,350	120		138,530				C. & O.
Huddleston Coal Co.	Huddleston	27,000	33,000	60,000	1,200	150		58,650				C. & O.
Island Creek Block Coal Co.	Anthony	15,558	8,764	24,322				24,322				C. & O.
Johnson Coal Mining Co., E. R.	No. 1 and 2	13,954	8,491	22,445	624	480		21,341				C. & O.
Jones-Parsons Coal Co.	Ida May	15,000	20,000	35,000				35,000				C. & O.
Kohinoor Coal & Coke Co.	Kohinoor	59,884	48,914	108,793	1,298	841		106,659				C. & O.
Lincoln Coal Mining Corp.	Lincoln	317	4,743	5,060				5,060				C. & O.
Logan Coal Co., The	Logan	58,721	50,477	109,198	1,200	240		107,758				C. & O.
Litz-Smith Coal Co.	Litz-Smith		10,506	10,506		200		10,306				C. & O.
Logan Mining Co., The	Earling	62,557	58,718	121,275	2,396	513		118,366				C. & O.
Logan Mining Co., The	Manitoba	49,393	34,494	83,887	3,408	362		80,117				C. & O.
Logan Mining Co., The	Mona	30,310	31,921	62,231	815	537		60,879				C. & O.
Logan Mining Co., The	Wanda	45,718	33,930	79,648		628		79,020				C. & O.
Long Flame Coal Co.	Long Flame	28,834	33,876	62,710	1,500	2,000		59,210				C. & O.
Lorain Coal & Dock Co.	Lorado		16,500	16,500	180			16,320				C. & O.
Main Island Creek Coal Co.	Nos. 2 and 3	21,512	28,502	50,014	1,500	280		48,234				C. & O.
Main Island Creek Coal Co.	No. 4	113,384	141,959	255,343	2,400	1,220		251,723				C. & O.
Main Island Creek Coal Co.	Nos. 5 and 6	39,687	68,971	108,658		812		107,846				C. & O.
Maher-Pursglove Mining Co.	No. 5		13,460	13,460				13,460				C. & O.
Manbar Coal Co.	Manbar	17,413	4,772	22,185		90		22,095				C. & O.
McGregor Coal Co.	McGregor	62,040	105,927	167,967	1,200	810		165,957				C. & O.
Mifflin Coal Co.	Nos. 1 and 2	42,751	24,204	66,955		664		66,291				C. & O.
Monitor Coal & Coke Co.	Nos. 1, 3 & Beechwood	175,763	146,355	322,118	3,214	1,073		317,831				C. & O.
Opperman Coal Co., The	Opperman	24,950	23,943	48,893		231		48,662				C. & O.
Paragon Colly. Co.	Paragon	40,900	45,780	86,680	900	240		85,540				C. & O.
Rex Coal & Coke Co.	Rex	60,170	52,200	112,370	1,470	510		110,390				C. & O.
Rich Creek Coal Co.	Wilburn	23,671	20,857	44,528		137		44,391				C. & O.
Ruffner Coal Co.	Ruffner		2,738	2,738		20		2,718				C. & O.
Shamrock Coal Co.	Litz & Smith	39,872	22,377	62,249		617		61,632				C. & O.
Sovereign Coal Co.	Sovereign	24,432	23,939	48,371	5	365		48,001				C. & O.
Spruce Bend Coal Co.	Sharples	29,509	19,961	49,470		185		49,285				C. & O.
Spruce Valley Coal Co.	Spruce Valley	38,893	43,633	82,526		300		82,226				C. & O.
Stone Branch Coal Co.	Stone Branch	34,824	26,938	61,762	1,800	600		59,362				C. & O.
Summers Coal Co., H. B.	Summers	13,000	24,000	37,000	450	375		36,175				C. & O.
Sunbeam Coal Co.	Sunbeam	15,588	14,093	29,681	608	261		28,812				C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	
LOGAN CO.—Continued												
Thomas Coal Co., D. C.	Grace	37,025	36,653	73,678		246		73,432				C. & O.
United States Coal & Oil Co.	Island Creek No. 1	203,602	177,372	380,974	16,473	4,972		359,529				C. & O.
United States Coal & Oil Co.	Island Creek No. 2	103,440	79,116	182,556	705	706		181,145				C. & O.
United States Coal & Oil Co.	Island Creek No. 3	91,799	87,138	179,937	284	644		178,009				C. & O.
United States Coal & Oil Co.	Island Creek No. 4	109,722	106,218	215,940	634	2,343		212,963				C. & O.
United States Coal & Oil Co.	Island Creek No. 6	98,140	79,807	177,947	178	1,286		176,483				C. & O.
United States Coal & Oil Co.	Island Creek No. 7	140,023	132,006	272,029	45	1,455		270,529				C. & O.
United States Coal & Oil Co.	Island Creek No. 8	124,344	130,740	255,084	134	410		254,540				C. & O.
United States Coal & Oil Co.	Island Creek No. 10	67,118	61,211	128,329		697		127,632				C. & O.
United States Coal & Oil Co.	Island Creek No. 11		27,577	27,577				27,577				C. & O.
United States Coal & Oil Co.	Island Creek No. 12		23,578	23,578				23,578				C. & O.
Virginia-Buffalo Coal Co.	Virginia-Buffalo	19,599	16,227	35,826	325	208		35,293				C. & O.
Wilson Coal Co., H. T.	Wilson	51,174	43,778	94,952	1,200	600		93,152				C. & O.
Yuma Coal & Coke Co., The	Yuma	65,446	52,647	118,093	3,146	412		114,535				C. & O.
Totals		3,214,628	3,092,658	6,307,286	75,726	39,236		6,192,324				
MARION COUNTY												
Buttermore Coal Co., J. J.	Elizabeth	3,510	4,074	7,584				7,584				B. & O.
Catawba Coal Co.	Catawba	6,982	4,994	11,976				11,976				B. & O.
Consolidation Coal Co., The	No. 22	148,003	251,653	399,656	1,500	2,336	10,464	385,356				B. & O.
Consolidation Coal Co., The	No. 24	55,989	30,465	86,454	6,254	575		79,625				B. & O.
Consolidation Coal Co., The	No. 26	103,656	148,033	251,689	3,512	1,871		246,306				B. & O.
Consolidation Coal Co., The	No. 28	35,194		35,194	1,067	60		34,067				B. & O.
Consolidation Coal Co., The	No. 36	61,891	85,389	147,280		289		146,991				B. & O.
Consolidation Coal Co., The	No. 38	74,594	57,311	131,905	8,363	915		122,627				B. & O
Consolidation Coal Co., The	No. 43	139,461	163,853	303,314	7,200		47,563	248,551	19,875	28,558	48,333	B. & O.
Consolidation Coal Co., The	No. 45	20,115	12,671	32,786	504	24		32,258				B. & O.
Consolidation Coal Co., The	No. 47	97,452	137,163	234,615	5,581	850		228,184				B. & O.
Consolidation Coal Co., The	No. 53	61,543		61,543	200			61,343				B. & O.
Consolidation Coal Co., The	No. 56	48,002		48,002	2,227	210		45,565				B. & O.
Consolidation Coal Co., The	No. 59	14,836	17,636	32,472		47		32,425				B. & O.
Consolidation Coal Co., The	No. 63	128,233	177,607	305,840	2,928		14,046	288,866				B. & O.
Consolidation Coal Co., The	No. 68	42,629	42,112	84,741	846	245		83,650				B. & O.
Consolidation Coal Co., The	No. 82	693	357	1,050		1,050						B. & O.

Consolidation Coal Co., The	No. 84	55,316	132,482	187,798	88	388		187,322				B. & O.
Consolidation Coal Co., The	No. 85	1,170	1,054	2,224	2,224							B. & O.
Dakota Coal & Coke Co.	Dakota No. 2	105,360	88,880	194,240	4,800	680		188,760				B. & O.
Fairmont & Cleveland Coal Co.	Parker Run	60,915	56,803	117,718	275	727		116,716				B. & N.
Federal Coal & Coke Co.	Federal	367,463	394,291	761,754	20,051	2,034		739,669				B. & O.
Four States C. & C. Co. Recs.	Annabelle	226,906	154,346	381,252	16,897	223		364,132				B. & O.
Harry B. Coal Co.	Harry B. & Junior	53,151	32,603	85,754				85,754				B. & O.
Jamison Coal & Coke Co.	No. 7	326,758	169,182	495,940	29,845	1,008		465,087				B. & O.
Jamison Coal & Coke Co.	No. 8	270,078	206,207	276,285	32,302	368		443,615				B. & O.
Jamison Coal & Coke Co.	No. 9	250,022	190,132	440,154	28,595	706		410,853				B. & O.
McCoy Coal Company	McCoy	523	852	1,375		1,375						B. & O.
New Central Coal Co.	Stafford	78,722	122,511	201,233	8,291	1,550		191,392				B. & O.
Phillips Coal Co.	Phillips	10,321	12,259	22,580				22,580				B. & O.
Robinson Coal Co.	James	3,807	2,128	5,935				5,935				B. & O.
W. Va. & Pittsburgh C. & C. Co.	Kingmont	157,950	162,954	320,904	2,400	2,000	4,890	311,614	1,756	1,301	3,057	B. & O.
W. Va. & Pittsburgh C. & C. Co.	Morgan	60,381	57,251	117,632	1,200	1,600		114,832				B. & O. & M
Totals		3,071,626	2,917,253	5,988,879	187,150	21,131	76,963	5,703,635	21,631	29,859	51,490	
MARSHALL COUNTY												
Ben Franklin Coal Co. of W. Va.	Panama	49,304	34,630	83,934				83,934				B. & O.
Glendale Coal Company	Glendale	80,377	47,911	128,288	4,006	997		123,285				B. & O.
Hitchman Coal & Coke Co.	Hitchman	261,942	236,079	498,021	8,786	3,993		485,242				B. & O.
Koontz Bros. & Miller	Boggs Run	2,975	2,555	5,530		5,530						B. & O.
Mound City Coal Co.	Mound City		14,059	14,059	454	2,592		11,013				B. & O.
Mound Coal Co.	Mound	58,730	31,500	90,230	2,085	13,880		74,265				B. & O.
Parr's Run Coal Co.	Parr's Run	31,210	18,927	50,137		5,830		44,307				B. & O.
Wheeling Steel & Iron Co.	Benwood	51,361	41,613	92,974	92,974	Used at mill						B. & O. & P. C. C.
Totals		535,899	427,274	963,173	108,305	32,822		822,046				
MASON COUNTY												
Hutchinson Coal Company	Linden	45,014	41,678	86,692	1,585	840		84,267				B. & O.
Jackson Coal & Mining Co.	Jackson	12,757	12,141	24,898	224	12,891		11,783				B. & O.
Newton Company, J. M. & D. E.	Sliding Hill	6,952	6,593	13,545	12,225	875		445				B. & O.
Totals		64,723	60,412	125,135	14,034	14,606		96,495				
McDOWELL COUNTY												
Algoma Coal & Coke Co.	Piney & North Fork	78,930	70,090	149,020		1,120		147,900				N. & W.
Arlington Coal & Coke Co.	Arlington	60,659	58,744	119,403	441	415	41,149	77,398	11,622	14,098	25,720	N. & W.
Ashland Coal & Coke Co.	Ashland & Graeber	110,681	102,014	212,695	5,000	675	9,919	197,101	4,805	1,807	6,612	N. & W.
Bell Coal & Mining Co., The	Vaughan	22,468	8,733	31,201		331		30,870				N. & W.
Black Wolf Coal & Coke Co.	Black Wolf	25,247	24,228	49,475	1,900	700		46,875				N. & W.
Bottom Creek Coal & Coke Co.	No. 1	46,492	44,120	90,612	4,391	1,300		84,921				N. & W.
Bottom Creek Coal & Coke Co.	No. 2	36,836	37,069	73,905	95	200		73,610				N. & W.
Buchanan Coal Co.	Buchanan	11,582	11,301	22,883	960	480		21,443				N. & W.
Carter Coal Co.	Caretta	84,693	104,526	189,219	93	879		188,247				N. & W.
Carter Coal Co.	Nora	41,174	58,094	99,268	92	249		98,927				N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME F COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	
McDOWELL CO.—Continued												
Carter Coal Co.	Olga	9,625	33,638	43,313	5,906	525	....	36,882	....	....	....	N. & W.
Carter Coal Co.	No. 1 West	13,815	7,876	21,691	9	238	....	21,444	....	....	....	N. & W.
Carter Coal Co.	No. 2 East and West	19,825	23,688	43,513	242	1,154	....	42,117	....	....	....	N. & W.
Carter Coal Co.	Six	118,706	154,987	273,693	2,333	1,305	....	270,035	....	....	....	N. & W.
Central Pocahontas Coal Co.	Nos. 1 & 2	38,244	45,836	84,080	....	210	....	83,870	....	....	....	N. & W.
Cirrus Coal & Coke Co.	Nos. 1 & 2	23,910	....	23,910	1,500	2.500	....	19,910	....	....	....	N. & W.
Colonial Pocahontas Coal Co.	Colonial	14,669	7,335	22,004	....	121		21,883	....	....	....	N. & W.
Columbus Pocahontas Coal Co.	Columbus-Pocahontas	3,162	......	3,162	....	....	....	3,162	....	....	....	N. & W.
Crozer Coal & Coke Co.	Nos. 1 & 2	162,955	132,077	295,032	6,556	1,820	48,335	238,321	14,839	15,402	30,241	N. & W.
Cumberland Cannel Coal Co.	Gem Pocahontas	18,000	......	18,000	240	300	....	17,460	....	....	....	N. & W.
Davy Pocahontas Coal Co.	No. 1	43,070	27,532	70,602	1,800	800	....	68,002	....	....	....	N. & W.
Dry Fork Colliery Co.	Dry Fork	59,053	48,014	107,067	500	400	....	106,167	....	....	....	N. & W.
Elkhorn Coal & Coke Co.	Elkhorn	98,808	111,780	210,588	2,529	1,440	21,630	184,989	7,033	7,530	14,563	N. & W.
Elk Ridge Coal & Coke Co.	Elkridge	52,914	49,794	102,708	4,258	1,800	14,426	82,224	4,005	5,011	9,016	N. & W.
Empire Coal & Coke Co.	Empire	123,105	149,305	272,410	2,733	603	20,211	248,863	7,790	6,358	14,148	N. & W.
Eureka Coal & Coke Co.	Eureka	80,739	64,524	145,263	4,000	2,000	25,558	113,705	8,040	7,934	15,974	N. & W.
Evans Coal Co.	Evans	4,000	10,150	14,150	190	200	....	13,760	....	....	....	N. & W.
Excelsior Pocahontas Coal Co.	Excelsior	47,250	77,294	124,544	1,350	760	....	122,434	....	....	....	N. & W.
Extra Pocahontas Coal Co.	Extra Poca.	18,391	16,430	34,821	....	3,731	....	31,090	....	....	....	N. & W.
Flanagan Coal Co.	No. 1	15,599	4,772	20,371	....	320	....	20,051	....	....	....	N. & W.
Flanagan Coal Co.	No. 2	19,454	23,610	43,064	....	....	....	43,064	....	....	....	N. & W.
Flat Top Coal Mining Co.	Thomas	30,803	31,630	62,433	....	925	....	61,508	....	....	....	N. & W.
Fortune Hunter Coal Co.	Fortune Hunter	11,833	15,057	26,890	1,052	....	....	25,838	....	....	....	N. & W.
Gilliam Coal & Coke Co.	Gilliam	66,519	62,056	128,575	476	453	33,351	94,295	9,261	11,583	20,844	N. & W.
Greenbrier Coal & Coke Co.	Greenbrier	61,667	76,103	137,770	1,973	1,960	....	134,723	....	....	....	N. & W.
Hemphill Colliery Co.	Hemphill	12,402	6,000	18,402	....	480	....	17,922	....	....	....	N. & W.
Henrietta Pocahontas Coal Co.	Henrietta	12,153	5,457	17,610	....	200	....	17,410	....	....	....	N. & W.
Houston Coal & Coke Co.	Nos. 1 and 2	133,637	143,115	276,752	7,200	1,500	71,186	196,866	21,905	26,739	48,644	N. & W.
Houston Collys. Co.	Carswell	18,077	29,275	47,352	3,600	1,200	....	42,552	....	....	....	N. & W.
Houston Collys. Co.	Hugar	78,232	62,580	140,812	7,200	3,000	46,806	83,806	15,443	16,909	32,352	N. & W.
Indian Ridge Coal & Coke Co.	Indian Ridge	49,711	50,919	100,630	......	752	....	99,873	....	....	....	N. & W.
J. B. B. Coal Co.	Nos. 1, 2, 3, 4, 5, 6	211,026	203,319	414,345	5,226	6,999	....	403,119	....	....	....	N. & W.
John's Branch Coal Co.	No. 1	16,688	15,326	32,014	240	....	....	31,774	....	....	....	N. & W.
Keystone Coal & Coke Co.	Nos. 1 and 2	149,975	142,700	292,675	3,600	2,400	15,502	271,173	10,852	....	10,852	N. & W.
Kimball Pocahontas Coal Co.	Virginia	20,092	16,083	36,175	1,244	253	....	34,678	....	....	....	N. & W.

King Coal Co., The	King	143,016	136,510	279,526	7,300	1,800	....	270,426	....	....	....	N. & W.
Lake Superior Coal Co.	No. 1	62,100	66,115	128,215	4,530	446	....	123,239	....	....	....	N. & W.
Lake Superior Coal Co.	No. 2	27,772	25,790	53,562	1,823	1,130	....	50,609	....	....	....	N. & W.
Lathrop Coal Co.	Lathrop	74,900	68,628	143,523	1,200	400	....	141,923	....	....	....	N. & W.
Lone Jack Coal Mining Co.	Lone Jack	2,300	9,880	12,180	80	50	....	12,050	....	....	....	N. & W.
Lynchburg Coal & Coke Co.	Lynchburg	97,240	85,339	182,579	4,500	2,000	37,403	138,671	10,640	12,740	23,380	N. & W.
McDowell Coal & Coke Co.	McDowell	118,646	118,117	236,763	2,660	....	31,133	202,970	9,878	13,367	23,245	N. & W.
Mohawk Coal & Coke Co.	Mohawk	39,649	36,232	75,881	5,100	400	....	70,381	....	....	....	N. & W.
New Pocahontas Coal Co.	Pando	6,703	19,346	26,049	800	190	....	25,059	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 1	46,572	43,732	90,304	10,369	1,270	32,933	45,732	20,806	35,660	56,466	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 2	55,658	42,506	98,164	....	5,403	....	92,761	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 3	59,221	45,842	105,063	....	2,331	....	102,732	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 4	45,985	39,270	85,255	....	2,211	....	83,044	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 5	52,328	46,399	98,727	....	868	....	97,859	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Havaco	14,022	56,505	70,527	3,616	840	....	66,041	....	....	....	N. & W.
Oregon Coal Company	Nos. 2, 3, 4	32,796	36,214	69,010	2,800	860	....	65,350	....	....	....	N. & W.
Page Coal & Coke Co.	Nos. 1, 2, 3	137,609	114,167	251,776	7,200	1,800	78,325	164,451	24,615	24,337	48,952	N. & W.
Panther Coal Company	Nos. 1 and 2	27,474	41,113	68,587	1,200	300	....	67,087	....	....	....	N. & W.
Peerless Coal & Coke Co.	Nos. 1 and 2	122,422	94,410	216,832	3,540	2,880	....	210,412	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Angle	85,705	63,790	154,495	3,000	4,000	22,225	125,270	8,890	5,000	13,890	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Cherokee	65,400	72,000	137,400	6,000	5,000	....	126,400	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Delta	73,970	68,900	142,870	3,000	9,000	....	130,870	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Lick Branch	82,410	85,590	168,000	3,000	7,000	....	158,000	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Norfolk	56,220	49,330	105,600	3,000	6,000	....	96,600	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Pocahontas No. 6	89,390	95,240	184,630	3,000	5,000	....	176,630	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Pocahontas No. 7	53,060	4,460	57,520	1,000	1,000	....	55,520	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Pocahontas No. 8	62,270	46,340	108,610	2,000	2,000	....	104,610	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Rolfe	100,690	118,420	228,110	3,000	5,000	....	220,110	....	....	....	N. & W.
Pocahontas Cons. Collys. Co. Inc.	Shamokin	88,290	94,930	183,220	3,000	7,000	....	173,220	....	....	....	N. & W.
Pocahontas Domestic Coal Co., The	Scorpion	35,078	33,401	68,479	491	305	....	67,683	....	....	....	N. & W.
Pocahontas Smokeless Coal Co.	Slick Rock	15,926	17,060	32,986	...	165	....	32,821	....	....	....	N. & W.
Powhatan Coal & Coke Co.	East and West	99,545	75,406	174,951	7,200	2,000	42,500	123,251	13,349	13,839	27,188	N. & W.
Premier Poca. Collys, Co.	Nos. 1, 2, 3, 4	169,666	162,013	331,679	3,310	1,800	....	326,569	....	....	....	N. & W.
Pulaski Iron Company	Nos. 1, 2, 3	173,963	165,111	339,074	1,800	1,800	148,306	187,168	47,203	45,487	92,690	N. & W.
Roanoke Coal & Coke Co.	Roanoke	48,390	57,346	105,736	1,800	261	....	103,675	....	....	....	N. & W.
Shawnee Coal & Coke Co.	Shawnee	60,256	48,930	109,186	1,800	600	25,893	80,883	7,721	8,460	16,181	N. & W.
Solvay Collieries Co.	Big Sandy	52,626	50,250	102,876	1,132	833	....	100,911	....	....	....	N. & W.
Solvay Collieries Co.	Marytown	87,049	78,689	165,738	1,473	1,654	....	162,611	....	....	....	N. & W.
Standard Pocahontas Coal Co., The	Standard	46,282	62,301	108,536	4,515	518	....	103,553	....	....	....	N. & W.
Superior Pocahontas Coal Co.	Blackstone	23,821	20,666	44,487	....	434	....	44,053	....	....	....	N. & W.
Superior Pocahontas Coal Co.	Cletus	23,126	28,270	51,396	....	495	....	50,901	....	....	....	N. & W.
Superior Pocahontas Coal Co.	Davy Crockett	25,555	26,053	51,608	....	469	....	51,139	....	....	....	N. & W.
Superior Pocahontas Coal Co.	Helena	34,650	36,920	71,570	2,600	858	....	68,112	....	....	....	N. & W.
Tidewater Coal & Coke Co., The	Tidewater	88,775	92,242	181,017	7,200	1,800	....	172,017	....	....	....	N. & W.
Turkey Gap Coal & Coke Co.	Turkey Gap	65,855	74,341	140,196	400	200	....	139,596	....	....	....	N. & W.
United States Coal & Coke Co., The	No. 2	92,191	117,809	210,000	....	1,911	....	208,089	....	....	....	N. & W.
United States Coal & Coke Co., The	No. 3	32,225	33,968	66,193	29,954	1,519	....	34,720	....	....	....	N. & W.
United States Coal & Coke Co., The	No. 4	58,764	97,332	156,096	....	668	....	155,428	....	....	....	N. & W.
United States Coal & Coke Co., The	No. 5	54,942	75,937	130,879	....	298	....	130,581	....	....	....	N. & W.
United States Coal & Coke Co., The	No. 6	148,960	155,569	304,529	....	1,063	....	303,466	....	....	....	N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	
McDOWELL CO.—Continued												
United States Coal & Coke Co., The	No. 7	99,800	122,695	222,495		945		221,550				N. & W.
United States Coal & Coke Co., The	No. 9	128,962	135,975	264,937		1,226		263,711				N. & W.
United States Coal & Coke Co., The	No. 10	54,469	73,240	127,709		948		126,761				N. & W.
United States Coal & Coke Co., The	No. 11	54,906	80,747	135,653		864		134,789				N. & W.
Upland Coal & Coke Co.	No. 1	116,161	97,763	213,924	4,750	1,519	34,354	173,301	9,525	11,880	21,405	N. & W.
War Creek Coal Co.	No. 1	20,233	19,086	39,319	250			39,069				N. & W.
Welch Coal Company	Welch	18,220	22,104	40,324	650	360		39,314				N. & W.
West Virginia Pocahontas Coal Co.	Leckie Nos. 1 and 2	113,912	94,464	208,406		1,200		207,206				N. & W.
Yukon Pocahontas Coal Co.	Nos. 1 and 2	76,284	89,774	166,058	2,400	500		163,158				N. & W.
Zenith Coal & Coke Co.	Zenith	72,000	62,502	134,502		1,100		133,402				N. & W.
Totals		6,507,311	6,500,363	13,007,674	237,427	149,300	801,155	11,819,792	268,222	284,141	552,363	
MERCER COUNTY												
Algonquin Coal Co.	Algonquin	664	7,610	8,274	15	102		8,157				Virginian
American Coal Company	Crane Creek	116,239	117,479	233,718	225	1,462	45,227	186,804	11,227	15,802	27,029	Virginian
American Coal Company	Piedmont	49,977	64,980	114,957		535		114,422				Virginian
American Coal Company	Pinnacle	109,154	108,933	218,087	8,084	1,054	18,303	190,616	6,311	4,630	10,941	Virginian
Booth-Bowen Coal & Coke Co.	Booth-Bowen	91,046	80,919	171,965	1,800	1,258	13,346	155,561	6,276	2,065	8,341	Virginian
Buckeye Coal & Coke Co.	Buckeye	72,275	64,706	136,981	488	300	13,512	122,681	5,819	2,626	8,445	Virginian
Crystal Coal & Coke Co.	Nos. 1 and 2	90,598	82,260	172,858		1,288	39,964	131,606	10,655	17,390	28,045	Virginian
Ennis Coal Company	Hiawatha	63,843	57,281	121,124	644	250		120,230				Virginian
Godfrey Coal Company	Godfrey	10,186	18,305	28,491	207	72		28,212				Virginian
Louisville Coal & Coke Co.	Nos, 1. 2 & Klondyke 3	58,557	67,575	126,132	1,837	1,167	4,598	118,530	2,914	984	3,898	Virginian
Mill Creek Coal & Coke Co.	Mill Creek	128,191	125,424	253,615		4,000	35,540	214,075	10,181	13,335	23,516	Virginian
Modoc Coal Mining Co.	Modoc	1,340	16,230	17,570		160		17,410				Virginian
Patterson Pocahontas Coal Co., S. J	Arista Nos. 1 and 2	1,838	9,685	11,523	6	34		11,483				Virginian
Pawama Coal & Coke Co.	Nos. 1 and 2	42,588	48,344	90,932	45	2,436		88,451				Virginian
Pocahontas Cons. Collys. Co., Inc.	Carswell Creek- Hemlock-Elkhorn	102,310	120,880	223,190	11,000	5,000		207,190				Virginian
Pocahontas Cons. Collys. Co., Inc.	Sagamore Nos. 1 and 2	81,530	78,600	160,130	3,000	6,000		151,130				Virginian
Pocahontas Cons. Collys. Co., Inc.	West	24,000	28,000	52,000				52,000				Virginian
Smokeless Coal & Coke Co., The	Smokeless	22,697	19,561	42,258		300		41,958				Virginian
Solvay Collieries Co.	Spring	62,659	70,159	132,818		930		131,888				Virginian
Thomas Coal Co., The	No. 1	53,674	52,770	106,444		1,338	33,212	71,894	9,524	13,330	22,854	Virginian

Fairmont Hospital No. 3.

Thomas Coal Co., The	No. 2	44,896	28,823	73,719				73,719				N. & W.
Turkey Gap Coal & Coke Co.	Wenonah	53,549	43,290	96,839	1,209	670		94,960				N. & W.
Weyanoke Coal & Coke Co.	Weyanoke & Elihu	72,978	50,907	123,885	6,440	2,520		114,925				N. & W.
Totals		1,354,789	1,362,721	2,717,510	35,000	30,876	203,702	2,447,932	62,907	70,162	133,069	
MINERAL COUNTY												
Abram's Creek Coal & Coke Co.	Oakmont No. 1	15,774	16,650	32,424	977	325		31,122				W. M.
Big Vein Coal Co. of W. Va.	Bakerstown	10,647	11,345	21,992	214			21,778				W. M.
Carroll-Cross Coal Co.	Cross	25,965	13,230	39,245				39,245				W. M.
Davis Coal & Coke Co.	No. 6	22,881	20,026	42,907	339	742		41,826				W. M.
Davis Coal & Coke Co.	No. 50	100	14,719	14,819	435	6		14,378				W. N.
Davis Coal & Coke Co.	No. 51	1,080	30,928	32,008	432	33		31,543				W. M.
Davis Coal & Coke Co.	No. 14	43,136	42,654	85,790	350	468		84,972				W. M.
Davis Coal & Coke Co.	Montgomery Run No. 19		32,258	32,258				32,258				W. M.
Davis Coal & Coke Co.	No. 20	26,808	9,148	37,956	554			37,402				W. M.
Glade Run Coal & Coke Co.	Florence	6,167		6,167				6,167				W. M.
Gleason Coal & Coke Co.	Gleason	43,303	50,139	93,442	700	360		92,382				W. M.
Grafton Mining Company	Blaine No. 2	14,024	11,124	25,148	139	40		24,969				W. M.
Harris & Sons Coal Co., O. D.	Harris No. 2	1,247	352	1,599		90		1,509				W. M.
Masteller Coal Company, The	Hampshire Nos. 1, 2, 3	33,478	19,866	53,344	225			53,119				W. M.
Masteller Coal Company, The	New Creek	19,113	18,138	37,251	75			37,176				W. M.
Totals		265,723	290,627	556,350	4,440	2,064		549,846				
MINGO COUNTY												
Buffalo Collieries Co.	Buffalo	70,139	60,930	131,069	3,214	804		127,051				N. & W.
Crystal Block Coal & Coke Co.	Winifrede & Coalburg	53,000	55,000	108,000	1,300	1,050		105,650				N. & W.
Glen Alum Coal Co.	Nos. 1, 2, 3	114,760	94,773	209,533	7,200	3,000		199,333				N. & W.
Glen Alum Coal Co.	Nos. 4	52,829	69,339	122,168				122,168				N. & W.
Grey Eagle Coal Co.	Grey Eagle	26,179	32,217	58,396	2,940	350		55,106				N. & W.
Howard Colliery Co.	Frederick	33,508	32,527	66,035	1,200	497		64,338				N. & W.
Howard Colliery Co.	Howard	51,561	35,526	87,087	1,200	589		85,298				N. & W.
Howard Junior Coal Co.	Howard Junior	53,118	40,624	93,742	1,200	628		91,914				N. & W.
Magnolia Coal & Coke Co.	Magnolia	24,740	24,141	48,881	1,437	934		46,510				N. & W.
Margaret Mining Company	Margaret	28,418	24,114	52,532	409	600		51,532				N. & W.
Mary Helen Coal Co.	Mary Helen	53,558	51,362	104,920	2,320	1,429		101,171				N. & W.
Naugatuck Coal Company The	Naugatuck	53,262	32,641	85,903	5,008	416		80,479				N. & W.
Red Jacket Cons. Coal & Coke Co.	Grapevine	42,380	35,896	78,276	298	40		77,938				N. & W.
Red Jacket Cons. Coal & Coke Co.	Mitchel Branch & Rutherford	141,128	128,461	269,589	6,000	2,449		261,140				N. & W.
Red Jacket Cons. Coal & Coke Co.	Red Jacket	15,732	14,591	30,323		118		30,205				N. & W.
Red Jacket Junior Coal Co., The	Red Jacket Junior	113,051	101,242	214,293	3,600	605		210,088				N. & W.
Sternberger Coal Company, E. L.	Sternberger	42,445	30,701	73,146	1,104	534		71,508				N. & W.
Stone Mountain Coal Corp.	Marvin	20,594	15,908	36,502		520		35,982				N. & W.
Superior Thacker Coal & Coke Co.	Williamson No. 1	4,331	1,414	5,745				5,745				N. & W.
Sycamore Coal Co.	Cinderella	91,110	68,363	159,473	4,195	1,229		154,049				N. & W.
Thacker Coal & Coke Co.	Nos. 3, 8, 9	72,669	43,345	116,005	7,200	2,009		106,805				N. & W.
Thacker Coal & Coke Co.	No. 10	1,399	845	2,244	250			1,994				N. & W.
Thacker Coal & Coke Co.	Nos. 11, 12, 13, 14	49,548	37,152	86,700	4,800	1,200		80,700				N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mine	First Six Months	Second Six Months	Total Coke Production for Year	
MINGO CO.—Continued												
War Eagle Coal Company	Mephisto	32,751	32,751	65,502	1,000			64,502				N. & W.
War Eagle Coal Company	Pappoose	35,947	35,917	71,894	1,000			70,894				N. & W.
White Star Mining Co.	Alma & White Star	34,361	33,396	67,757	1,691	895		65,171				N. & W.
Williamson Coal & Coke Co.	Nos. 5, 6, 7	41,274	51,185	92,459	2,000	800		89,659				N. & W.
Totals		1,353,783	1,184,391	2,538,174	60,557	20,687		2,456,930				
MONONGALIA COUNTY												
Antler Coal Company	Grant	20,186	17,348	37,534		310		37,224				B. & O.
Consolidation Coal Co., The	No. 30	12,745	9,749	22,491	212	24		22,258				B. & O.
Elkins Coal & Coke Co.	No. 1	40,581	10,305	50,886	319	396	48,074	2,097	26,353	7,450	33,803	M. & K.
Elkins Coal & Coke Co.	No. 5	71,068	75,563	146,631	208			146,423				M. & K.
Great Scott Coal & Coke Co., The	Great Scott	6,294	4,223	10,517	35	5,158		5,324				B. & O.
Lehigh Coal Company, The	Lehigh No. 1		12,000	12,000	400			11,600				B. & N.
North American Coal Co.	Maidsville No. 1	10,000	4,600	14,600				14,600				Mon.
Southern Connellsville Coke Co.	Marion	17,461	7,824	25,285	200	160	23,578	1,347	11,640	5,016	16,656	B. & O.
Totals		178,335	141,612	319,947	1,374	6,018	71,652	240,873	37,993	12,466	50,459	
NICHOLAS COUNTY												
Coal Bell Coal Company	Trees Nos. 1 and 2	22,443	23,736	46,179	953	3,334		41,892				C. & O.
Pardee & Curtin Lumber Co.	Camp No. 21 & Panther Creek	4,257	3,431	7,688		1,097		6,591				
Saxman Coal & Coke Co., The	Saxman Nos. 1, 2, 3	32,766	35,631	68,397	2,185		2,112	64,100	1,049	459	1,508	B. & O.
Totals		59,466	62,793	122,264	3,138	4,431	2,112	112,583	1,049	459	1,508	
OHIO COUNTY												
Creighton, W. F.	Creighton	2,418	1,547	3,965		3,965						B. & O.
Elm Grove Coal Co., The	Elm Grove	16,545	16,029	32,574	1,300	2,306		28,968				P. C. C. & St. L.
Richland Coal Company	Richland	253,719	199,517	453,236				453,236				
Storch & Sons, Peter	Peter Storch	4,200	2,600	6,800		6,800						
Whitaker-Glessner Company	Carter	23,172	20,586	43,758	43,758	Used at Mills						Wheeling Terminal
Totals		300,054	240,279	540,333	45,058	13,071		482,204				

PRESTON COUNTY												
Austen Coal & Coke Co.	No. 1	18,744	39,487	58,231	1,763	639	27,339	23,440	2,071	15,853	17,924	B. & O.
Austen Coal & Coke Co.	No. 2	3,103	5,395	8,498	1,763			6,735				B. & O.
Borgman Coal Company	No. 1	31,220	30,280	61,500	250	250		61,000				W. Va. N.
Elkins Coal & Coke Co.	No. 2	106,299	95,104	201,403	15,952	629		184,831				M. & K.
Elkins Coal & Coke Co.	No. 4	25,356		25,356	536	22		24,743				M. & K.
Elkins Coal & Coke Co.	No. 6	94,840	94,033	188,873		953		187,920				M. & K.
Gorman Coal & Coke Co.	Nos. 2 and 3	8,805	4,007	12,812	100	150		12,562				B. & O.
Hiorra Coke Company	Vulcan No. 1	18,235	24,487	42,722	451	200		42,059				B. & O.
Irona Coal Company	Nos. 1 and 2	18,765	47,422	66,187	420	184		65,574				W. Va. N.
Kendall Lumber Company	Arnold Run No. 1	5,259	5,305	10,564		1,559		9,014				B. & O.
Late Coal Co., Gordon B.	Late No. 1	10,290	8,630	18,920	336			18,584				B. & O.
Merchants Coal Co.	Tunnelton		35,470	35,470	946	65		34,459				B. & O.
Preston County Coke Co.	Cascade Nos. 1, 2, 3, 4, 5	26,818	21,601	48,419	869	416	47,143		23,349	18,253	41,602	B. & K.
Preston Coal Company	Preston No. 1	26,358	24,950	51,308	2,593	61		48,654				B. & O.
Somerset Smokeless Coal Co.	Tunnelton	66,998	32,779	99,777	3,000	356		96,331				B. & O.
Virginia Maryland Coal Corp.	Scotch Hill	23,286	21,581	44,867	4,066	17		40,784				B. & O.
Wills Coal Co., John	Wills No. 4	2,097	3,313	5,410	125	236		5,049				B. & O.
Totals		486,473	493,849	930,322	33,313	5,733	74,532	866,744	25,420	34,106	59,526	
PUTNAM COUNTY												
Black Betsey Coal & Mining Co.	No. 3	90,221	76,233	166,454	1,500	10,250		154,701				K. & M.
Otto Marmet C. & M. Co., The	Big Otto Nos. 1, 2, 3	82,773	80,906	163,679	2,500	1,200		159,979				K. & M.
Plymouth Coal & Mining Co.	Plymouth	62,542	86,370	148,912	3,000	4,000		141,912				K. & M.
Totals		235,536	243,509	479,045	7,000	15,450		456,595				
RALEIGH COUNTY												
Bailey-Wood Coal Co.	Bailey-Wood	41,840	42,170	84,010	720	420		82,870				N. & W.
Beckley Coal & Coke Co.	Beckley	43,627	39,107	82,734	1,926	1,155		79,653				C. & O.
Blue Jay Lumber Company	No. 4	1,980	2,434	4,414		150		4,264				C. & O.
City Coal Company	Comb's Lease	2,973	4,417	7,390	50	4,340		3,000				P.R.&P.C.
Clear Fork Coal Co.	Leevale	46,200	22,970	69,170	1,670	880		66,620				C. & O.
Cranberry Fuel Company	Cranberry	46,685	54,728	101,413	5,302	1,489		94,622				C. & O.
Cranberry Fuel Company	Sprague	51,747	41,661	93,408	1,890	869		90,649				C. & O.
Four States C. & C. Co. Recs.	Dorothy	148,542	135,831	284,373	3,831	1,752		278,790				C. & O.
Four States C. & C. Co. Recs.	Sarita	128,995	135,196	264,191				264,191				C. & O.
Gulf Coal Company	Nos. 1, 2, 3	49,028	64,634	113,662	1,500	600		111,562				Virginian
Gulf Smokeless Coal Co.	Tams Nos. 1, 2, 3	151,367	130,307	281,674	6,000	1,500		274,174				V. & C. & O.
Lanark Coal Company	Lanark No. 4	22,855	10,217	33,072	1,200	301		31,571				C. & O.
Lilly Mining Company	Whorley Nos. 1, 2	9,700	12,663	22,363	50			22,313				C. & O.
Lynwin Coal Company	Lynwin	36,648	33,947	70,595	735	260		69,600				Virginian
Mabscott Coal & Coke Co.	Mabscott	47,110	31,641	78,751				78,751				C. & O.
MacAlpin Coal Company	MacAlpin	91,705	107,823	199,528	3,600	1,323		194,605				C. & O. & V.
Marsh Fork Coal Co.	Marsh Fork	62,756	42,129	104,885	600	360		103,925				C. & O.
McKell Coal & Coke Co.	Graham Nos. 1 and 2	14,222		14,222		120		14,102				K.G.J.&E.
McKell Coal & Coke Co.	Oswald Nos. 1, 2, 3, 4	42,114	40,811	82,925		1,157		81,768				K.G.J.&E.
McKell Coal & Coke Co.	Tamroy	31,470	36,167	67,637		600		67,037				K.G.J.&E.
New River Collys. Co.	Eccles No. 3	114,996	82,549	197,545	7,200	2,400		187,945				C. & O. & V.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OFCOMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Production for Year	
RALEIGH CO.—Continued												
New River Collys. Co.	Eccles No. 5	56,362	85,027	141,389	7,800			133,589				C. & O. & V.
New River Collys. Co.	Eccles No. 6	20,689	27,907	48,596				48,596				C. & O. & V.
Pemberton Coal & Coke Co.	Affinity	36,923	34,748	71,671	3,982	660		67,029				Virginian
Pemberton Coal & Coke Co.	Big Stick	104,691	65,827	170,518		930		169,588				Virginian
Pemberton Fuel Company	Pemberton Fuel	22,041	32,304	54,345	230	547		53,568				C. & O. & V.
Piney Mining Company	Nos. 1, 2	69,826	75,998	145,824	3,650			142,174				C. & O.
Piney Mining Company	No. 3	22,656	21,668	44,324		357		43,967				C. & O.
Piney Mining Company	No. 4	42,462	50,179	92,641		17,538		75,103				C. & O.
Raleigh Coal & Coke Co.	Nos. 1, 2, 4	28,504	39,877	68,381				68,381				C. & O. & V.
Raleigh Coal & Coke Co.	No. 3	80,435	98,724	179,159				179,159				C. & O. & V.
Raleigh Coal & Coke Co.	No. 5	6,801	9,016	15,817				15,817				C. & O. & V.
Raleigh Coal & Coke Co.	No. 6	97,530	106,107	203,637				203,637				C. & O. & V.
Royal Coal Company	Royal	12,771	12,886	25,657		428		25,229				C. & O.
Slab Fork Coal Company	Nos. 2, 3, 6, 7, 5	132,850	141,725	274,575	2,333	2,300		269,942				Virginian
Stonewall Coal & Coke Co.	Stonewall No. 3	1,231		1,231	16			1,215				C. & O.
Stonewall Coal & Coke Co.	Terry Nos. 2, 3, 4	33,305	21,352	54,657	1,330	544		52,783				C. & O.
Sullivan Coal & Coke Co.	Sullivan	51,793	53,369	105,162	2,555	999		101,608				C. & O.
W. Va. Coal Mining Co., The	Ragland	6,110	13,915	20,025				20,025				C. & O. & V.
White Coal Co., E. E.	Glen White Nos. 1, 2	154,050	117,716	271,766	7,200	1,816		262,750				C. & O. & V.
White Coal Co., E. E.	Stotesbury Nos. 1, 3, 5, 6, 7	139,832	104,230	244,062		4,683		239,379				C. & O. & V.
Winding Gulf Colliery Co.	Nos. 1, 3	94,999	91,611	186,610	2,700	1,200		182,710				Virginian
Winding Gulf Colliery Co.	No. 2	95,931	86,973	182,904		1,280		181,624				C. & O.
Wood Peck Coal Company	Wood Peck	12,839	15,245	28,084	500	250		27,334				C. & O.
Wright Coal & Coke Co.	Wright No. 1	16,732	15,576	32,308	1,091	355		30,862				C. & O.
Wright Coal & Coke Co.	Wright No. 2	21,359	14,903	36,262	1,170	305		34,787				C. & O.
Totals		2,549,282	2,408,285	4,957,567	70,831	53,868		4,832,868				
RANDOLPH COUNTY												
Brady Coal Company	Klondyke	8,248	3,112	11,360		110		11,250				C. & C.
Davis Coal & Coke Co.	Weaver No. 1	30,489	24,937	55,426	1,055	559		53,812				W. M.
Davis Coal & Coke Co.	Weaver No. 2	39,131	50,602	89,733	518			89,215				W. M.
Davis Colliery Company	Coalton	89,816	71,702	161,518	5,584	1,114	57,055	97,765	24,416	20,299	44,715	C. & C.
Davis Colliery Company	Harding	57,351	53,087	110,438	2,318	624	28,922	78,574	9,333	13,333	22,666	W. M.
Davis Colliery Company	Sivad No. 2	19,219	4,056	23,275	84	24		23,167				C. & C.

Davis Colliery Company	Coaling Station	8,492	6,916	15,408		146		15,262				C. & C.
Green, W. H.	Williette	15,000	10,000	25,000				25,000				W. M.
Jenkins Coal & Coke Co., J. B.	Ariana	22,425	12,110	34,535	288	298		33,949				C. & C.
W. Va. Pulp & Paper Co.	Hopkins	12,985	10,430	23,415	42			23,373				G. C. & E. R,
Totals		303,156	246,952	550,108	9,889	2,875	85,977	451,367	33,749	33,632	67,381	
TAYLOR COUNTY												
Davis, T. B. Estate of	T. B. Davis	20,123	6,930	27,053	150	60		26,843				B. & O.
Delmar Coal Company	Barry	1,578	7,454	9,032				9,032				B. & O.
Grafton Coal & Coke Co.	Sandlick No. 1	16,873	8,581	25,454				25,454				B. & O.
Grafton Coal & Coke Co.	Sandlick No. 2	11,134	16,548	27,682		260		27,422				B. & O.
Harrison Coal Company	Harrison	16,860	8,555	25,415		22		25,393				B. & O.
Maryland Coal Co. of W. Va.	Wendel Nos. 1, 2	297,717	152,924	450,641	3,508	487		446,646				B. & O.
McGraw Coal Company	New York No. 1	36,029	20,372	56,401	1,944	443		54,014				B. & O.
Pittsvein Coal Company	No. 4	71,073	36,564	107,637		112		107,525				B. & O.
Rosemont Coal Company	Rosemont	98,995	69,711	168,706	1,433	255		167,018				B. & O.
Sterling Coal Company	Cecil	4,090	284	4,374	90	54		4,230				B. & O.
Winona Coal & Coke Co	Winona	22,327	22,092	44,419	4,488	276	22,349	17,306	7,609	7,410	15,019	B. & O.
Totals		596,799	350,015	946,814	11,613	1,969	22,349	910,883	7,609	7,410	15,019	
TUCKER COUNTY												
Cooper, J. Calvin	Cooper	6,361	5,878	12,239		12,239						W. M.
Cumberland Coal Company	Douglas No. 1	43,941	43,088	87,029			11,645	75,384	4,187	3,576	7,763	W. M.
Cumberland Coal Company	Douglas No. 2	25,842	25,237	51,079				51,079				W. M.
Cumberland Coal Company	Douglas No. 6	4,007	2,284	6,291	861	339		5,091				W. M.
Davis Coal & Coke Co.	No. 23	89,397	81,123	170,520	23,084	1,765		145,671				W. M.
Davis Coal & Coke Co.	No. 24	35,390	29,877	65,267				65,267				W. M.
Davis Coal & Coke Co.	No. 25	42,093	20,644	62,737	857			61,880				W. M.
Davis Coal & Coke Co.	No. 26	29,255	25,991	55,246				55,246				W. M.
Davis Coal & Coke Co.	No. 34	5,341	29,458	34,799	50			34,749				W. M.
Davis Coal & Coke Co.	No. 35	15,286	11,743	27,029				27,029				W. M.
Davis Coal & Coke Co.	No. 36	75,715	72,731	148,446				148,446				W. M.
Davis Coal & Coke Co.	No. 37	48,680	63,226	111,906	45			111,861				W. M.
Davis Coal & Coke Co.	No. 38	108,961	94,214	203,175	943	212		202,020				W. M.
Davis Coal & Coke Co.	No. 39	78,034	91,072	169,106	2,450	625		166,031				W. M.
Davis Coal & Coke Co.	No. 41	23,390	18,087	41,477		70		41,407				W. M.
Davis Coal & Coke Co.	No. 40	88,700	94,147	182,847	1,089	330		181,428				W. M.
Davis Coal & Coke Co.	No. 43	5,682	18,877	24,559		186		24,373				W. M.
Totals		726,075	727,677	1,453,752	29,379	15,766	11,645	1,396,962	4,187	3,576	7,763	W. M.
UPSHUR COUNTY												
Buckhannon River Coal & Coke Co.	Florence No. 2	32,020	13,602	45,622	400	400	3,792	41,030	1,000	1,274	2,274	C. & C.
Red Rock Fuel Company	Red Rock	28,235	24,647	52,882	1,240	604		51,038				B. & O.
Totals		60,255	38,249	98,504	1,640	1,004	3,792	92,068	1,000	1,274	2,274	

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			Railroad Located on
		First Six Months	Second Six Months	Total Coal Produced for Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	
WAYNE COUNTY												
East Lynn Coal Company	East Lynn No. 1	25,145	26,313	51,458	310	427		50,721				N. & W.
Totals		25,145	26,313	51,458	310	427		50,721				
WYOMING COUNTY												
Mead-Pocahontas Coal Co.	Mead-Pocahontas	25,489	24,228	49,717		236		49,481				Virginian
Mullens Smokeless Coal Co.	Mullens Smokeless		1,250	1,250		250		1 000				Virginian
Trace Fork Coal Co.	Trace Fork No. 7	3,256	4,136	7,392				7,392				Virginian
Virginian Smokeless Fuel Co.	Virginian Smokeless		1,182	1,182				1,182				Virginian
Wyoming Coal Co.	Wyoming Nos. 1 2, 3, 4	1,602	35,023	36,625		250		36,375				Virginian
Totals		30,347	65,819	96,166		736		95,430				

RECAPITULATION.

COUNTY	PRODUCTION OF COAL (Tons of 2,240 lbs.)			PRODUCTION OF COAL (Tons of 2,240 lbs.)				PRODUCTION OF COKE (Tons of 2,000 lbs.)		
	First Six Months	Second Six Months	Total Coal Production For Year	Used in Operation of Mine	Furnished Local Trade and Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total for the Year
Barbour	471,870	490,358	962,228	17,879	4,744	21,377	918,228	7,630	8,498	16,128
Boone	314,555	261,280	575,835	6,902	2,951		565,982			
Braxton	157,634	136,572	294,206	3,106	1,351		289,749			
Brooke	374,900	352,426	727,326	120,641	8,656		598,029			
Clay	267,442	264,203	531,645	5,646	2,955		523,014			
Fayette	3,932,784	3,949,088	7,881,872	161,577	121,799	197,243	7,401,253	68,926	59,844	128,770
Gilmer	64,142	73,829	137,971	3,041	2,224		132,706			
Grant	69,186	95,935	165 121	4,179	782		160,160			
Greenbrier	11,617	12,511	24,128	352	101		23,672			
Harrison	2,428,076	2,104,956	4,533,032	32,960	17,614	25,269	4,457,189	7,164	10,090	17,254
Kanawha	2,849,252	2,293,334	5,142,586	85,539	54,993		5,002,054			
Lewis		300	300				300			
Lincoln	23,181	18,785	41,966		16,546		25,420			
Logan	3,214,628	3,092,658	6,307,286	75,726	39,236		6,192,324			
Marion	3,071,626	2,917,253	5,988,879	187,150	21,131	76,963	5,703,635	21,631	29,859	51,490
Marshall	535,899	427,274	963,173	108,305	32,822		822,046			
Mason	64,723	60,412	125,135	14,034	14,606		96,495			
McDowell	6,507,311	6,500,363	13,007,674	237,427	149,300	801,155	11,819,792	268,222	284,141	552,363
Mercer	1,354,789	1,362,721	2,717,510	35,000	30,876	203,702	2,447,932	62,907	70,162	133,069
Mineral	265,723	290,627	556,350	4,440	2,064		549,846			
Mingo	1,353,783	1,184,391	2,538,174	60,557	20,687		2,456,930			
Monongalia	178,335	141,612	319,947	1,374	6,048	71,652	240,873	37,993	12,466	50,459
Nicholas	59,466	62,798	122,264	3,138	4,431	2,112	112,583	1,049	459	1,508
Ohio	300,054	240,279	540,333	45,058	13,071		482,204			
Preston	486,473	493,849	980,322	33,313	5,733	74,532	866,744	25,420	34,106	59,526
Putnam	235,536	243,509	479,045	7,090	15,450		456,595			
Raleigh	2,549,282	2,408,285	4,957,567	70,831	53,863		4,832,868			
Randolph	303,156	246,952	550,108	9,889	2,875	85,977	451,367	33,749	33,632	67,381
Small County Mines (Not reported)	150,000	150,000	300,000		300,000					
Taylor	596,799	350,015	946,814	11,613	1,969	22,349	910,883	7,609	7,410	15,019
Tucker	726,075	727,677	1,453,752	29,379	15,766	11,645	1,396,962	4,187	3,576	7,763
Upshur	60,255	38,249	98,504	1,640	1,004	3,792	92,068	1,000	1,274	2,274
Wayne	25,145	26,313	51,458	310	427		50,721			
Wyoming	30,347	65,819	96,166		736		95,430			
Totals	33,034,044	31,084,633	64,118,677	1,378,006	966,819	1,597,768	60,176,084	547,487	555,517	1,103,004

ORDER OF PRODUCTION OF COAL AND COKE BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	Number of Mines Producing Coal	PRODUCTION OF COAL (Tons of 2,240 lbs.)			PRODUCTION OF COKE (Tons of 2,000 lbs.)			Order in Production	
		First Six Months	Second Six Months	Total Coal Production for the Year	First Six Months	Second Six Months	Total for the Year	Coal	Coke
Barbour	12	471,870	490,358	962,228	7,630	8,498	16,128	13	9
Boone	9	314,555	261,280	575,835	....	....	....	16	....
Braxton	5	157,634	136,572	294,206	....	....	....	23	....
Brooks	6	374,900	352,426	727,326	....	....	....	15	....
Clay	3	267,442	264,203	531,645	....	....	....	20	....
Fayette	124	3,932,784	3,949,088	7,881,872	68,926	59,844	128,770	2	3
Gilmer	3	64,142	73,829	137,971	....	....	....	25	....
Grant	3	69,186	95,935	165,121	....	....	....	24	....
Greenbrier	1	11,617	12,511	24,128	....	....	....	32	....
Harrison	71	2,428,076	2,104,956	4,533,032	7,164	10,090	17,254	7	8
Kanawha	95	2,849,252	2,293,334	5,142,586	....	....	....	5	....
Lewis	1	....	300	300	....	....	....	33	....
Lincoln	2	23,181	18,785	41,966	....	....	....	31	....
Logan	80	3,214,628	3,092,658	6,307,286	....	....	....	3	....
Marion	34	3,071,626	2,917,253	5,988,879	21,631	29,859	51,490	4	6
Marshall	7	535,899	427,274	963,173	....	....	....	12	....
Mason	3	64,723	60,412	125,135	....	....	....	26	....
McDowell	130	6,507,311	6,500,363	13,007,674	268,222	284,141	552,363	1	1
Mercer	34	1,354,789	1,362,721	2,717,510	62,907	70,162	133,069	8	2
Mineral	18	265,723	290,627	556,350	....	....	....	17	....
Mingo	39	1,353.783	1,184,391	2,538,174	....	....	....	9	....
Monongalia	8	178,335	141,612	319,947	37,993	12,466	50,459	22	7
Nicholas	7	59,466	62,798	122,264	1,049	459	1,508	27	13
Ohio	5	300,054	240,279	540,333	....	....	....	19	....
Preston	23	486,473	493,849	980,322	25,420	34,106	59,526	11	5
Putnam	5	235,536	243,509	479,045	....	....	....	21	....
Raleigh	72	2,549,282	2,408,285	4,957,567	....	....	....	6	....
Randolph	10	303,156	246,952	550,108	33,749	33,632	67,381	18	4
Small County Mines	No record	150,000	150,000	300,000	....	....	....	....	....
Taylor	12	596,799	350,015	946,814	7,609	7,410	15,019	14	10
Tucker	17	~~726,075~~	~~727,677~~	~~1,453,752~~	~~4,187~~	~~3,576~~	~~7,763~~	~~10~~	11
Upshur	2	60,255	38,249	98,504	1,000	1,274	2,274	28	12
Wayne	1	25,145	26,313	51,458	....	....	....	30	....
Wyoming	8	30,347	65,819	96,166	....	....	....	29	....
Totals	850	33,034,044	31,084,633	64,118,677	547,487	555,517	1,103,004	....	....

PRODUCTION AND DISTRIBUTION OF COAL AND PRODUCTION OF COKE, WITH FATAL AND NON-FATAL ACCIDENTS, BY COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			ACCIDENTS		
	First Six Months	Second Six Months	Total Coal Production for Year	Used in Operation of Mine	Furnished Local Trade & Tenants	Used in Coke Ovens	Quantity Shipped from Mines	First Six Months	Second Six Months	Total Coke Production for Year	Fatal	Non Fatal	Minor
Barbour	471,870	490,358	962,228	17,879	4,744	21,377	918,228	7,630	8,498	16,128	1	28	40
Boone	314,555	261,280	575,835	6,902	2,951	....	565,982	....	....	....	4	4	2
Braxton	157,634	136,572	294,206	3,106	1,351	....	289,749	....	....	....	....	....	....
Brooke	374,900	352,426	727,326	120,641	8,656	....	598,029	....	....	....	4	13	11
Clay	267,442	264,203	531,645	5,646	2,955	....	523,044	....	....	....	3	4	2
Fayette	3,932,784	3,949,088	7,881,872	161,577	121,799	197,243	7,401,253	68,926	59,844	128,770	188	345	504
Gilmer	64,142	73,829	137,971	3,041	2,224	....	132,706	....	....	....	1	....	....
Grant	69,186	95,935	165,121	4,179	782	....	160,160	....	....	....	....	2	1
Greenbrier	11,617	12,511	24,128	352	104	....	23,672	....	....	....	....	....	....
Harrison	2,428,076	2,104,956	4,533,032	32,960	17,614	25,269	4,457,189	7,164	10,090	17,254	11	64	81
Kanawha	2,849,252	2,293,334	5,142,586	85,539	54,993	....	5,002,054	....	....	....	20	141	129
Lewis	....	300	300	....	....	....	300	....	....	....	....	....	....
Lincoln	23,181	18,785	41,966	....	16,546	....	25,420	....	....	....	....	....	....
Logan	3,214,628	3,092,658	6,307,286	75,726	39,236	....	6,192,324	....	....	....	19	77	75
Marion	3,071,626	2,917,253	5,988,879	187,150	21,131	76,963	5,703,635	21,631	29,859	51,490	28	179	78
Marshall	55,899	427,274	963,173	108,305	32,822	....	822,046	....	....	....	4	3	6
Mason	64,723	60,412	125,135	14,034	14,606	....	96,495	....	....	....	....	5	....
McDowell	6,507,311	6,500,363	13,007,674	237,427	149,300	801,155	11,819,792	268,222	284,141	552,363	80	345	187
Mercer	1,354,789	1,362,721	2,717,510	35,000	30,876	203,702	2,447,932	62,907	70,162	133,069	13	81	52
Mineral	265,723	290,627	556,350	4,440	2,064	....	549,846	....	....	....	2	3	....
Mingo	1,353,783	1,184,391	2,538,174	60,557	20,687	....	2,456,930	....	....	....	28	38	10
Monongalia	178,335	141,612	319,947	1,374	6,048	71,652	240,873	37,993	12,466	50,459	3	12	5
Nicholas	59,466	62,798	122,264	3,138	4,431	2,112	112,583	1,049	459	1,508	2	5	3
Ohio	300,054	240,279	540,333	45,058	13,071	....	482,204	....	....	....	4	5	3
Preston	486,473	493,849	980,322	33,313	5,733	74,532	866,744	25,420	34,106	59,526	5	24	32
Putnam	235,536	243,509	479,045	7,000	15,450	....	456,595	....	....	....	3	11	6
Raleigh	2,549,282	2,408,285	4,957,567	70,831	53,868	....	4,832,868	....	....	....	19	182	255
Randolph	303,156	246,952	550,108	9,889	2,875	85,977	451,367	33,749	33,632	67,381	1	7	26
Small Country Mines (Not reported)	150,000	150,000	300,000	....	300,000	....	....	....	....	....	....	....	....
Taylor	596,799	350,015	946,814	11,613	1,969	22,349	910,883	7,609	7,410	15,019	3	27	17
Tucker	726,075	727,677	1,453,752	29,379	15,766	11,645	1,396,962	4,187	3,576	7,763	8	20	16
Upshur	60,255	38,249	98,504	1,640	1,004	3,792	92,068	1,000	1,274	2,274	1	....	....
Wayne	25,145	26,313	51,458	310	427	....	50,721	....	....	....	....	1	....
Wyoming	30,347	65,819	96,166	....	736	....	95,430	....	....	....	....	2	....
Totals	33,034,044	31,084,633	64,118,677	1,378,006	966,819	1,597,768	60,176,084	547,487	555,517	1,103,004	455	1,628	1,541

TABLE SHOWING A COMPARATIVE STATEMENT OF THE COAL PRODUCTION FOR 1915 AND 1914.

(Tons 2240 lbs.)

COUNTY	COAL PRODUCTION FOR 1915	COAL PRODUCTION FOR 1914	Increase of 1915 Over 1914	Decrease of 1915 Under 1914
Barbour	962,228	1,098,495	....	136,267
Boone	575,835	472,993	102,842	....
Braxton	294,206	265,101	29,105	....
Brooke	727,326	564,337	162,989	....
Clay	531,645	396,411	135,234	....
Fayette	7,881,872	8,686,988	....	805,116
Gilmer	137,971	88,369	49,602	....
Grant	165,121	189,746	....	24,625
Greenbrier	24,128	22,633	1,495	....
Harrison	4,533,032	5,097,644	....	564,612
Kanawha	5,142,586	5,108,783	33,803	....
Lewis	300	28,956	....	28,656
Lincoln	41,966	61,588	....	19,622
Logan	6,307,286	5,333,943	973,343	....
Marion	5,988,879	5,830,070	158,809	....
Marshall	963,173	929,425	33,748	....
Mason	125,135	123,630	1,505	....
McDowell	13,007,674	14,055,157	....	1,047,483
Mercer	2,717,510	2,850,499	....	132,989
Mineral	556,350	688,172	....	131,822
Mingo	2,538,174	2,510,568	27,606	....
Monongalia	319,947	400,046	....	80,099
Nicholas	122,264	96,440	25,824	....
Ohio	540,333	482,844	57,489	....
Preston	980,322	1,281,181	....	300,859
Putnam	479,045	554,923	....	75,878
Raleigh	4,957,567	5,066,221	....	108,654
Randolph	550,108	737,718	....	187,610
Small Mines	300,000	300,000	....	....
Taylor	946,814	1,068,772	....	121,958
Tucker	1,453,752	1,199,113	254,639	....
Upshur	98,504	97,473	1,031	....
Wayne	51,458	55,060	....	3,602
Wyoming	96,166	39,789	56,377	....
Totals	64,118,677	65,783,088		1,644,411

TABLE SHOWING PRODUCTION OF COAL AND COKE FOR THE YEARS 1883 TO 1914 INCLUSIVE.

* YEARS	COAL (Tons of 2,240 lbs.)	COKE (Tons of 2,000 lbs.)	YEARS.	COAL (Tons of 2,240 lbs.)	COKE (Tons of 2,000 lbs.)
1883	2,805,565	190,889	1899	16,250,150	1,950,179
1884	3,000,000	182,000	1900	18,886,911	2,496,107
1885	3,008,091	187,619	1901	20,290,991	1,932,912
1886	3,213,093	228,623	1902	23,359,083	2,249,744
1887	4,207,039	481,477	1903	22,913,698	2,483,376
1888	4,799,611	517,317	1904	26,984,715	2,276,451
1889	4,663,857	306,716	1905	31,503,029	2,738,777
1890	5,643,946	892,490	1906	37,403,474	3,534,314
1891	7,281,427	1,208,418	1907	40,040,311	3,828,649
1892	7,777,570	1,333,439	1908	39,367,010	2,978,263
1893	9,758,991	1,090,909	1909	41,671,403	3,096,561
1894	9,427,028	1,067,156	1910	52,923,708	4,217,381
1895	9,878,099	1,204,657	1911	54,033,186	2,694,047
1896	12,062,468	1,594,691	1912	59,581,774	1,992,696
1897	11,705,829	1,374,497	1913	61,770,352	2,521,800
1898	14,294,865	1,742,256	1914	65,783,088	1,957,401
			1915	64,118,677	1,103,004

* Calender years 1883 to 1887 inclusive. Since 1887 the Coal & Coke statistics have been given for the fiscal year ending June 30th.

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1888 TO 1897 INCLUSIVE.

(Tons of 2,240 pounds.)

COUNTIES	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
Barbour	....	....	....	....	....	....	7,736	....	....	31,658
Brooke	17,108	19,203	32,857	33,999	35,046	29,375	32,445	50,013	49,623	42,198
Fayette	1,522,430	989,276	1,302,355	1,737,617	1,564,579	2,350,250	1,195,102	2,162,090	3,253,547	2,993,061
Hancock	....	....	....	....	....	....	....	....	....	33,838
Harrison	113,030	111,440	128,964	113,268	142,960	248,099	275,297	204,442	155,772	221,249
Kanawha	982,310	976,396	1,021,386	1,209,386	1,175,371	1,210,749	1,143,626	1,078,253	1,088,737	1,042,745
Logan	....	....	....	....	....	....	52,673	40,610	....	....
Marion	253,675	245,899	406,900	722,594	903,896	958,296	1,186,542	1,198,336	1,219,017	1,368,682
Marshall	59,172	84,606	110,418	118,242	166,893	110,530	84,037	137,762	148,128	162,396
Mason	85,870	126,797	129,744	116,598	123,323	141,104	92,764	171,074	101,418	111,535
McDowell	....	245,760	504,222	704,871	1,100,882	1,876,838	2,340,581	2,440,551	2,836,013	2,617,917
Mercer	762,645	744,803	744,403	1,210,723	1,175,141	1,196,574	886,942	865,379	1,308,417	873,300
Mineral	468,618	433,365	512,217	623,067	473,862	557,488	489,808	614,780	554,492	537,169
Mingo	....	....	....	....	....	....	....	95,279	111,890	267,789
Monongalia	....	6,850	28,000	46,100	70,062	97,905	62,125	47,653	52,080	31,288
Ohio	137,678	159,664	92,487	80,738	82,534	48,681	49,821	88,691	122,106	95,578
Preston	147,290	134,925	159,320	134,467	82,089	105,618	39,936	52,385	116,361	120,211
Putnam	135,100	107,325	183,184	156,856	154,962	197,733	148,474	122,057	161,555	131,522
Raleigh	....	....	....	....	....	....	48,365	84,762	89,279	63,701
Randolph	....	....	....	....	....	937	....	....	....	....
Small Mines	....	....	....	....	....	....	....	....	125,000	133,929
Taylor	66,439	177,901	68,403	83,851	74,000	68,928	72,229	86,536	43,469	178,397
Tucker	48,256	79,647	219,087	189,050	369,320	538,950	418,805	316,345	523,624	647,666
Wayne	....	....	....	....	55,920	21,839	40,720	21,101	2,000	....
Totals	4,799,611	4,663,857	5,643,946	7,281,427	7,777,570	9,758,991	9,427,028	9,878,099	12,062,468	11,705,829

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1898 TO 1905 INCLUSIVE.

(Tons of 2,240 pounds.)

COUNTIES	1898	1899	1900	1901	1902	1903	1904	1905
Barbour	48,600	63,275	73,041	226,047	394,768	525,924	690,897	556,158
Brooke	56,793	63,176	61,396	65,904	55,857	24,266	37,804	183,803
Clay	....	....	....	....	....	....	2,860	60,455
Fayette	3,960,266	4,446,469	4,547,002	5,375,702	5,724,882	4,075,324	5,650,217	6,738,343
Grant	....	....	....	....	....	28,489	113,969	167,053
Hancock	42,870	39,440	47,013	30,357	38,685	70,495	69,700	58,029
Harrison	271,554	413,150	647,430	1,088,715	1,662,144	2,108,336	2,445,202	2,560,905
Kanawha	1,213,116	1,293,068	1,456,890	1,727,115	1,863,386	1,878,752	2,792,078	3,126,638
Lincoln	....	....	....	....	12,053	53,330	31,744	7,695
Logan	....	....	....	....	....	....	....	127,616
Marion	1,639,625	2,392,983	2,925,907	2,674,553	3,172,194	2,668,914	2,785,350	3,251,999
Marshall	165,874	233,800	242,176	199,633	201,179	279,276	345,273	380,666
Mason	109,204	106,867	85,367	98,427	113,527	102,282	89,009	77,846
MaDowell	3,183,529	3,516,668	4,142,102	4,219,251	4,734,199	5,249,913	5,524,376	6,810,730
Mercer	1,004,379	1,144,258	1,046,937	105,153	1,104,523	1,274,003	1,274,070	1,738,330
Mineral	510,757	554,286	562,667	513,772	552,181	514,582	467,613	505,171
Mingo	383,280	350,294	466,695	501,410	635,113	864,464	1,153,013	1,375,233
Monongalia	68,867	56,793	82,148	75,589	130,371	148,074	194,540	178,752
Nicholas	....	....	....	....	12,190	7,645	25,723	51,524
Ohio	96,912	119,960	96,610	115,830	148,852	129,888	101,207	91,752
Preston	169,044	277,173	403,610	434,713	449,528	574,741	689,139	651,122
Putnam	128,851	164,004	203,449	125,321	208,712	178,904	295,914	310,576
Raleigh	79,315	93,370	68,360	102,089	272,106	244,088	406,226	661,180
Randolph	....	31,975	103,207	167,883	265,687	388,487	356,531	416,834
Small Mines	140,000	150,000	150,000	175,000	180,000	180,000	170,000	180,000
Taylor	109,532	249,103	376,030	383,223	415,502	264,524	234,502	252,161
Tucker	831,497	490,038	1,098,874	938,304	1,011,435	1,078,997	1,037,758	961,293
Wayne	....	....	....	....	....	....	....	21,165
Wyoming	....	....	....	....	....	....	....	....
Totals	14,294,865	16,250,150	18,886,911	20,290,991	23,359,083	22,913,698	26,984,715	31,503,029

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1906 TO 1915 INCLUSIVE.

(Tons 2240 lbs.)

COUNTIES	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
Barbour	638,253	776,245	829,046	735,033	895,427	792,268	756,395	964,627	1,098,495	962,228
Boone	....	....	....	3,451	50,566	69,305	329,179	324,594	472,993	575,835
Braxton	....	55,774	91,763	93,024	114,422	175,846	203,430	233,712	265,101	294,206
Brooke	378,312	526,997	458,284	449,647	433,660	608,987	680,192	575,884	564,337	727,326
Clay	66,087	60,252	42,461	25,797	36,306	92,205	181,963	266,388	396,411	531,645
Fayette	7,625,839	7,277,297	6,851,271	7,597,747	9,389,578	9,019,395	8,812,058	9,079,857	8,686,988	7,881,872
Gilmer	....	312	6,697	14,740	32,255	35,029	57,641	90,150	88,369	137,971
Grant	228,837	271,542	242,442	177,406	217,499	221,462	188,907	178,378	189,746	165,121
Greenbrier	....	31,978	6,066	32,296	21,688	48,819	52,358	42,853	22,633	24,128
Hancock	53,557	78,280	66,511	46,756	75,884	65,207	....	....	....	....
Harrison	3,030,737	3,343,319	3,168,042	3,005,689	3,708,123	3,974,058	4,529,344	4,812,472	5,097,644	4,533,032
Kanawha	4,086,102	4,626,101	4,523,739	4,136,213	5,754,378	5,753,470	5,606,522	3,846,288	5,108,783	5,142,586
Lewis	....	5,528	22,640	13,780	20,906	3,684	40,057	47,024	28,956	300
Lincoln	15,801	17,589	25,064	49,954	49,237	65,045	....	54,851	61,588	41,966
Logan	349,228	740,607	1,215,039	1,909,063	2,213,372	2,663,155	3,243,033	4,119,577	5,333,943	6,307,286
Marion	3,629,805	3,619,764	3,440,666	3,733,765	4,210,622	4,084,822	4,833,652	5,271,441	5,830,070	5,988,879
Marshall	411,061	560,427	369,189	233,848	475,434	509,850	664,393	711,390	929,425	963,173
Mason	108,420	93,211	109,738	106,802	145,189	209,807	139,377	112,826	123,630	125,135
McDowell	7,806,524	8,123,699	8,515,689	9,415,069	12,189,200	11,945,763	13,768,077	14,913,342	14,055,157	13,007,674
Mercer	2,023,460	2,009,522	1,823,674	2,103,263	2,542,867	2,533,728	2,783,866	2,829,810	2,850,499	2,717,510
Mineral	540,147	607,172	622,295	745,658	858,672	615,059	655,941	703,550	688,172	556,350
Mingo	1,719,233	1,867,100	1,714,807	1,617,581	2,045,420	2,036,223	2,374,563	2,271,591	2,510,568	2,538,174
Monongalia	196,074	292,596	271,843	235,816	414,992	464,319	382,164	426,137	400,046	319,947
Nicholas	50,921	57,412	61,806	40,556	59,445	98,257	46,135	88,342	96,440	122,264
Ohio	101,768	136,350	143,698	158,327	252,975	301,811	374,595	374,034	482,844	540,333
Preston	827,772	1,079,692	874,786	654,233	1,033,902	888,202	841,801	999,141	1,281,181	980,322
Putnam	465,341	401,413	424,424	378,420	458,229	529,588	506,470	565,028	554,923	479,045
Raleigh	823,666	1,104,676	1,259,420	1,797,812	2,547,721	3,335,417	4,581,776	4,690,744	5,066,221	4,957,567
Randolph	509,443	609,380	545,803	463,206	700,290	788,662	716,632	741,567	737,718	550,108
Small Mines	180,000	180,000	180,000	180,000	200,000	300,000	300,000	300,000	300,000	300,000
Taylor	398,563	416,138	396,358	437,633	583,222	634,462	731,300	893,601	1,068,772	946,814
Tucker	1,057,800	1,005,219	920,568	1,005,873	1,080,367	1,083,881	1,114,732	1,100,160	1,199,113	1,453,752
Upshur	5,809	39,502	76,773	60,589	70,396	56,189	37,091	59,077	97,473	98,504
Wayne	14,914	25,217	35,756	34,619	41,464	30,111	48,130	80,266	55,060	51,458
Wyoming	....	....	652	....	....	....	....	1,650	39,789	96,166
Totals	37,403,474	40,040,311	39,367,010	41,693,766	52,923,708	54,033 186,	59,581,774	61,770,352	65,783,088	64,118,677

ORDER IN PRODUCTION OF COAL BY COUNTIES, 1897 TO 1915.

COUNTIES	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
Barbour	19	19	17	18	12	12	10	9	11	11	11	12	12	12	12	12	12	12	13
Boone	....	....	....	....	....	....	....	....	....	....	....	....	33	27	26	21	21	20	16
Braxton	....	....	....	....	....	....	....	....	....	....	26	23	23	23	23	22	23	23	23
Brooke	17	18	18	20	20	20	23	22	17	17	16	15	15	18	16	15	17	17	15
Clay	....	....	....	....	....	....	....	25	23	23	24	27	30	30	25	24	22	22	20
Fayette	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	22	2	2	2
Gilmer	....	....	....	....	....	....	....	....	....	....	32	32	31	31	31	....	....	28	25
Grant	....	....	....	....	....	....	22	18	19	19	20	20	20	21	21	23	24	24	24
Greenbrier	....	....	....	....	....	....	....	....	....	....	28	28	29	32	30	27	32	33	32
Hancock	18	20	20	21	21	21	20	21	24	24	23	25	26	24	27	....	....	....	....
Harrison	9	9	8	7	5	5	4	5	5	5	5	5	5	5	5	6	4	6	7
Kanawha	4	4	4	4	4	4	5	3	4	3	3	3	3	3	3	3	7	5	5
Lewis	....	....	....	....	....	....	....	....	....	....	31	31	32	33	33	30	31	32	33
Lincoln	....	....	....	....	....	23	21	23	27	26	30	30	25	28	28	....	30	29	31
Logan	....	....	....	....	....	....	....	....	20	18	12	9	7	8	7	7	6	4	3
Marion	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	3	3	4
Marshall	11	12	12	12	13	16	13	14	14	15	15	18	19	16	18	16	15	14	12
Mason	14	14	15	16	18	19	19	20	22	21	22	22	22	22	22	25	25	25	26
McDowell	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
Mercer	5	5	5	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8	8
Mineral	7	7	6	8	8	9	11	11	12	13	14	13	11	13	15	17	16	16	17
Mingo	8	8	9	9	9	8	8	7	7	7	7	7	9	9	9	9	9	9	9
Monongalia	20	17	19	17	19	18	17	17	18	20	19	19	18	19	19	19	19	21	22
Nicholas	....	....	....	....	....	22	24	24	25	25	25	26	27	26	24	29	27	26	27
Ohio	15	15	14	15	16	17	18	19	21	22	21	21	21	20	20	20	20	19	19
Preston	13	11	10	10	10	10	9	10	10	9	9	11	13	11	11	11	11	10	11
Putnam	12	13	13	13	15	15	16	15	15	14	18	16	17	17	17	18	18	18	21
Raleigh	16	16	16	19	17	13	15	12	9	10	8	8	8	6	6	5	5	7	6
Randolph	....	....	....	14	14	14	12	13	13	12	13	14	14	14	13	14	14	15	18
Taylor	10	10	11	11	11	11	14	16	16	16	17	17	16	15	14	13	13	13	14
Tucker	6	6	7	5	7	7	7	8	8	8	10	10	10	10	10	10	10	11	10
Upshur	....	....	....	....	....	....	....	....	....	....	27	24	24	25	29	31	29	27	28
Wayne	....	....	....	....	....	....	....	....	26	28	29	29	28	29	32	28	28	30	30
Wyoming	....	....	....	....	....	....	....	....	....	....	....	33	34	34	....	....	33	31	29

SUMMARY OF PRODUCTION OF COAL BY GEOGRAPHICAL DISTRICTS.

For the Fiscal Year Ending June 30, 1915.

Tons 2240 lbs.

Interior District	456,605
Kanawha New River District	19,857,915
Monongahela District	14,379,834
Norfolk and Western District	24,718,268
Potomac District	2,175,223
Wheeling District	2,230,832
Total Commercial Mines	63,818,677
Total Small Country Mines	300,000
Grand Total	64,118,677

PRODUCTION OF COAL BY GEOGRAPHICAL DISTRICTS.

INTERIOR DISTRICT.

(Counties of Braxton, Gilmer, Greenbrier, Lewis.)

BRAXTON COUNTY.

Copen Creek Coal Company	50,000
Davis Colliery Company	244,206

GILMER COUNTY.

Gilmer Fuel Company	90,354
Katherine Coal Company	650
McCaa Coal Company	46,967

GREENBRIER COUNTY.

Elk Lick Coal Company	24,128

LEWIS COUNTY.

Burrows Coal Company	300
Total	456,605

KANAWHA-NEW RIVER DISTRICT.

(Counties of Boone, Clay, Fayette, Kanawha, Lincoln, Mason, Nicholas, Putnam and Boone.)

BOONE COUNTY.

Anchor Coal Company	125,707
Big Eagle Mining Co	5,507

Coal River Company, The	77,341
Hickory Ash Coal Company	50,430
Horse Creek Block Coal Company	26,183
Peytonia Block Coal Company	35,445
Seng Creek Coal Company	87,172
Spruce River Coal Company, The	67,810
Webb Coal Mining Company	100,240

CLAY COUNTY.

Elk River Coal & Lumber Company	435,912
Elliott Splint Coal Company	67,179
Queen Shoals Coal Company	28,554

FAYETTE COUNTY.

Aileen Coal Company	27,684
Ajax Coal Company	15,764
Babcock Coal & Coke Company	58,286
Ballinger Coal Company	51,755
Beechwood Coal & Coke Company	66,206
Beury Brothers Coal & Coke Co	56,255
Big Bend Coal Company	22,430
Blume Coal & Coke Company	65,430
Blume (Estate) G. M	9,000
Bower Coal & Coke Company	634,061
Branch Coal & Coke Company	37,434
Brown Coal Company	67,080
Cannelton Coal & Coke Company	408,763
Christian Colliery Company	69,400
Collins Colliery Company	81,596
Columbus Iron & Steel Company, The	118,596
Dietz Colliery Company	20,410
Dun Glen Coal Company	6,150
Dunn Loop Coal & Coke Company	206,603
Elmo Mining Company, The	26,089
Ephriam's Creek Coal & Coke Co	131,323
Eureka Coal Company	15,848
Evans & Sons	10,203
Export Coal Company	29,410
Fire Creek Coal & Coke Company	36,858
Fort Defiance Coal & Coke Co	43,721
Gauley Mountain Coal Co	144,574
Gaymont Coal Company	1,400
Glendale Colliery Company	5,150
Greenwood Coal Company	71,337
Harvey Coal & Coke Company	169,912
Hemlock Hollow Coal & Coke Company	48,659
Hudson Coal Company	650
Johnson Coal Company	39,940

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Keeneys Creek Colliery Company	104,783
Laura Mining Company	22,415
Laurel Creek Coal Company	40,758
Long Branch Coal Company	122,560
Lookout Coal & Coke Co	36,239
Loup Creek Colliery Company	217,900
Low Moor Iron Company of West Va	78,389
Lynchburg Colliery Co	28,070
Macdonald Colliery Co	54,356
M. B. Coal & Coke Co	199,451
McKell Coal & Coke Company	165,918
Meadow Fork Coal Company	24,320
Michigan Coal Company	20,599
Midvale Colliery Company	52,701
Milburn Coal & Coke Company	150,295
Mill Creek Colliery Company	17,883
Mt. Carbon Company, Ltd., The	54,865
Mt. Hope Coal & Coke Company	53,352
Newlyn Coal Company	22,624
New River Collieries Company	335,960
New River Pocahontas Cons. Coal Co	809,692
Nichol Colliery Company	48,968
Nuttallburg Smokeless Fuel Co	51,362
Prudence Coal Company	120,436
Quinnimont Coal Company	32,800
Ridgeview Coal Company	5,701
River Valley Colliery Company	21,347
Rock Lick Coal Company	104,458
Rothwell Coal Company	31,521
Scotia Coal & Coke Co	132,309
Sewell Colliery Company	42,607
Signal Knob Coal Company	14,406
Solvay Collieries Company	445,386
South Side Company	69,735
Star Coal & Coke Company	127,869
St. Clair Colliery Company	89,023
Stone Cliff Coal & Coke Co	37,198
Stuart Colliery Company	174,718
Sugar Creek Coal & Coke Co	64,678
Sunday Creek Coal Company	366,956
Turkey Knob Coal Company	127,942
White Oak Fuel Company	355,285
Willis Branch Coal Company	10,000

KANAWHA COUNTY.

Belmont Coal Company	72,120
Black Band Fuel Company	100,393
Blue Creek Coal & Land Company	81,302
Cabin Creek Consolidated Coal Co	1,360,946

Campbells Creek Coal Company	341,802
Cannelton Coal & Coke Company	240,835
Chesapeake Mining Company	59,987
Carbon Coal Company	136,675
Coalburg Colliery Company	88,522
Coalburg-Kanawha Coal Company	96,681
Dry Branch Coal Company	74,100
East Bank Mining Company	8,850
Eureka Coal Company	51,813
Hackett Coal Company	5,900
Imperial Colliery Company	149,450
Kanawha River Coal Company	2,877
Kelleys Creek Colliery Company	223,781
Lewis Coal & Coke Company	23,323
Lewiston Block Coal Company	3,675
Marmet Coal Company	125,254
Mill Creek Cannel Mining Company	6,100
Montgomery Coal Company	15,167
Morris Fork Coal Company	57,666
Nat'l Bituminous Coal and Coke Co	126,002
Paint Creek Colliery Company	315,215
Pen Mar Mining Company	2,493
Quincy Coal Company	48,695
Republic Coal Company	148,817
Southwestern Splint Fuel Company	55,267
Standard Kanawha Coal Mining Co	84,222
Standard Splint Gas Coal Company	71,612
Sunday Creek Company	227,263
Virginia Coal Company	27,250
Wake Forest Mining Company	98,500
West Virginia Colliery Company	279,770
Winifrede Coal Company	128,199
Wyatt Coal Company	200,410

LINCOLN COUNTY.

Branchland Coal Company	30,901
Guyan River Coal Company	11,065

MASON COUNTY.

Hutchinson Coal Company	86,692
Jackson Coal Mining Company	24,898
J. M. & D. E. Newton Company	13,545

NICHOLAS COUNTY.

Coalbell Coal Company	46,179
Pardee & Curtin Lbr. Company	7,688
Saxman Coal & Coke Company	68,397

PUTNAM COUNTY.

Black Betsey Coal Mining Co	166,454
Otto Marmet Coal Mining Co	163,679
Plymouth Coal Mining Co	148,912

RALEIGH COUNTY.

Bailey & Wood Coal Company	84,010
Beckley Coal & Coke Company	82,734
Blue Jay Lumber Company	4,414
City Coal & Lumber Company	7,390
Clearfork Coal Company	69,170
Cranberry Fuel Company	194,821
Four States Coal & Coke Co	548,864
Gulf Coal Company	113,662
Gulf Smokeless Coal Company	281,674
Lanark Coal Company	33,072
Lilly Mining Company	22,363
Lynwinn Coal Company	70,595
Mabscott Coal & Coke Co	78,751
MacAlpin Coal Company	199,528
Marsh Fork Coal Company	104,885
McKell Coal & Coke Company	164,784
New River Colliery Company	387,530
Pemberton Coal & Coke Company	242,189
Pemberton Fuel Company	54,345
Piney Mining Company	282,789
Raleigh Coal & Coke Company	466,994
Royal Coal Company	25,657
Slab Fork Coal Company	274,575
Stonewall Coal Company	55,888
Sullivan Coal & Coke Co	105,162
West Virginia Coal Mining Co	20,025
E. E. White Coal Mining Company	515,828
Winding Gulf Coal Company	369,514
Wood Peck Coal Company	28,084
Wright Coal & Coke Company	68,570
Total	19,857,915

MONONGAHELA DISTRICT.

(Counties of Barbour, Harrison, Marion, Monongalia, Preston, Randolph, Taylor, Upshur.)

BARBOUR COUNTY.

Boat Run Coal Company	8,200
Century Coal Company	410,932
Consolidation Coal Company	208,824
Davis Coal & Coke Company	144,204

Davis Colliery Company	15,598
Gage Coal & Coke Company	20,566
Grafton Fuel Company	46,306
Humphreys Coal Company	44,958
Luella Coal & Coke Company	32,770
Sandridge Coal Company	29,870

HARRISON COUNTY.

Antler Coal Company	40,078
Blue Ridge Coal Company	15,172
Byron Coal Company	66,855
California Coal Company	65,452
Central Fairmont Coal Co	88,692
Clarksburg Coal Mining Co	5,812
Consolidation Coal Company	1,626,109
Carona Coal & Coke Company	63,657
Fairmont & Clarksburg Coal Co	10,080
Fairmont & Baltimore Coal Co	64,796
Francois Coal & Coke Company	64,168
Harry B. Coal & Coke Company	170,864
Haywood Coal Mining Company	52,367
Hutchinson Coal Company	954,250
Hygrade Coal Company	6,189
Johnson & McIntire Coal Company	12,832
Klinefelter, J. S. & Company	19,000
Lambert Run Coal Company	86,013
Long, J. E. Coal Company	10,454
Maderia-Hill-Clark Coal Company	261,333
Marion Gas Coal Company	41,368
Marshall Coal Company	118,979
Monongah Fuel Company	30,108
National Coal Company	5,198
Orr Coal Mining Company	98,566
Orr Shields Coal Company	16,246
Overholt Coal Company	26,615
Righter Coal & Coke Company	104,301
Rosebud Fuel Company	74,923
Taylor Collieries Company	61,849
Templeton Coal Company	36,661
Vincent Coal Company	32,423
Virginia-Maryland Coal Corporation	169,428
Winchester Coal Company	34,193

MARION COUNTY.

Buttermore, J. J. Coal Co	7,584
Catawba Coal Company	11,976
Consolidation Coal Company	2,346,563
Dakota Coal & Coke Company	194,240
Fairmont & Cleveland Coal Co	117,718

Federal Coal & Coke Company	761,754
Four States Coal Company	381,252
Harry B. Coal Company	85,754
Jamison Coal & Coke Company	1,412,379
McCay Coal Company	1,375
New Central Coal Company	201,233
Phillips Coal Company	22,580
Robinson Coal Company	5,935
Virginia & Pittsburg Coal & Coke Co	438,536

MONONGALIA COUNTY.

Antler Coal Company	37,534
Consolidation Coal Company	22,494
Elkins Coal & Coke Company	197,517
Great Scott Coal Company	10,517
Lehigh Coal Company	12,000
North American Coal Company	14,600
Southern Connellsville Coke Co	25,285

PRESTON COUNTY.

Austen Coal & Coke Company	66,729
Borgman Coal Company	61,500
Elkins Coal & Coke Company	415,637
Gorman Coal Company	12,812
Hiorra Coke Company	42,722
Irona Coal Company	66,187
Kendall Lumber Company	10,564
Gordon B. Late Coal Company	18,920
Merchants Coal Company	35,470
Preston County Coal & Coke Co	99,727
Somerset Smokeless Coal Co	99,777
Virginia-Maryland Coal Corporation	44,867
John Wills Coal Company	5,410

RANDOLPH COUNTY.

Brady Coal Company	11,360
Davis Coal & Coke Company	145,159
Davis Colliery Company	310,639
Green, W. H	25,000
Jenkins, J. B	34,535
West Virginia Pulp & Paper Co	23,415

TAYLOR COUNTY.

Estate of T. B. Davis	27,053
Delmar Coal Company	9,032
Grafton Coal & Coke Co	53,136
Harrison Coal & Coke Company	25,415

Maryland Coal Company of W. Va	450,641
McGraw Coal Company	56,401
Pittsvein Coal Company	107,637
Rosemont Coal Company	168,706
Sterling Coal Company	4,374
Winona Coal & Coke Company	44,419

UPSHUR COUNTY.

Buckhannon River Coal & Coke Co	45,622
Red Rock Fuel Company	52,882
Total	14,379,834

NORFOLK AND WESTERN DISTRICT.

(Counties of Logan, McDowell, Mercer, Mingo,
Wayne and Wyoming.)

LOGAN COUNTY.

Amherst Coal Company	124,577
Aracoma Coal Company	141,964
Argyle Coal Company	60,462
Avon Coal Company	90,430
Bengal Coal Company	22,417
Black Hawk Colliery Company	12,265
Buffalo Eagle Colliery Company	76,574
Coal River Coal & Coke Company	136,057
Coal Valley Mining Company	114,690
Cora Coal & Coke Company	82,271
Crown Coal & Coke Company	45,072
Cub Fork Coal Company	45,758
Draper Coal & Coke Company	22,165
Eagle Island Coal Company	35,749
Ethel Coal Company	196,774
Ft. Branch Coal Corporation	54,444
Frieze Fork Coal Mining Company	31,152
Gay Coal & Coke Company	133,137
Georges Creek Coal Company	64,295
Guyandotte Coal Company	34,985
Island Creek Colliery Company	142,000
Huddleston Colliery Company	60,000
Island Creek Block Coal Company	24,322
Johnson Coal Mining Company	22,445
Jones & Parsons Coal Company	35,000
Kohinoor Coal Company	108,798
Lincoln Coal Mining Company	5,060
Logan Coal Mining Company	109,198
Litz-Smith Coal Mining Company	10,506
Logan Mining Company	347,041

Long Flame Coal Company	62,710
Lorain Coal & Dock Company	16,500
Main Island Creek Coal Company	414,015
Maher-Pursglove Mining Company	13,460
Manbar Coal Company	22,185
McGregor Coal Company	167,967
Mifflin Coal Company	66,955
Monitor Coal & Coke Company	322,118
Opperman Coal Company	48,893
Paragon Coal Company	86,680
Rex Coal & Coke Company	112,370
Rich Creek Coal Company	44,528
Ruffner Coal Company	2,738
Shamrock Coal Company	62,249
Sovereign Coal Company	48,371
Spruce Bend Coal Company	49,470
Spruce Valley Coal Company	82,526
Stone Branch Coal Company	61,762
Summers Coal Company	37,000
Sunbeam Coal Company	29,681
Thomas Coal Company	73,678
U. S. Coal & Oil Company	1,842,951
Virginia & Buffalo Coal Company	35,826
Wilson Coal Company	94,952
Yuma Coal & Coke Company	52,647

MCDOWEL COUNTY.

Algoma Coal & Coke Company	149,020
Arlington Coal & Coke Company	119,403
Ashland Coal & Coke Company	212,695
Bell Coal & Mining Company	31,201
Black Wolf Coal Company	49,475
Bottom Creek Coal & Coke Company	164,517
Buchanan Coal Company	22,883
Carter Coal Company	670,697
Central Pocahontas Coal Company	84,080
Cessna Coal & Coke Company	23,910
Colonial Pocahontas Coal Company, The	22,004
Columbus Pocahontas Coal Company	3,162
Crozer Coal & Coke Company	295,032
Cumberland Cannel Coal Company	18,000
Davy Pocahontas Coal Company	70,602
Dry Fork Colliery Company	107,067
Elkhorn Coal & Coke Co	210,588
Elk Ridge Coal & Coke Company	102,708
Empire Coal & Coke Company	272,410
Eureka Coal & Coke Company	145,263
Evans Coal Company	14,150
Excelsior Pocahontas Coal Company	124,544

Extra Pocahontas Coal Company	34,821
Flanagan Coal Company	63,435
Flat Coal Mining Company	62,433
Fortune Hunter Coal Company	26,890
Gilliam Coal & Coke Company	128,575
Greenbrier Coal Company	137,770
Hemphill Colliery Company	18,402
Henrietta Pocahontas Coal Company	17,610
Houston Coal & Coke Company	276,752
Houston Collieries Company	188,164
Indian Ridge Coal & Coke Company	100,630
J. B. B. Coal Company	414,345
Johns Branch Coal Company	32,014
Keystone Coal & Coke Company	292,675
Kimball Pocahontas Coal Company	36,175
King Coal Company	279,526
Lake Superior Coal Co	181,777
Lathrop Superior Coal Company	143,528
Lone Jack Coal Mining Company	12,180
Lynchburg Coal & Coke Company	182,579
McDowell Coal & Coke Company	236,763
Mohawk Coal & Coke Company	75,881
New Pocahontas Coal Company	26,049
New River & Pocahontas Consolidated Coal Co	548,040
Oregon Coal Company	69,010
Page Coal & Coke Company	251,776
Panther Coal & Coke Company	68,587
Peerless Coal & Coke Company	216,832
Pocahontas Consolidated Collieries Co	1,470,455
Domestic Coal Company	68,479
Smokeless Coal Company	32,986
Powhatan Coal & Coke Company	174,951
Premier Pocahontas Colliery Co	331,679
Pulaski Iron Company	339,074
Roanoke Coal & Coke Company	105,736
Shawnee Coal & Coke Company	109,186
Solvay Collieries Company	268,614
Superior Pocahontas Coal Company	219,061
Standard Pocahontas Coal Company	108,586
Tidewater Coal & Coke Company	181,017
Turkey Gap Coal Company	140,196
United States Coal & Coke Company	1,618,491
Upland Coal & Coke Company	213,924
War Creek Coal Company	39,319
Welch Coal Company	40,324
West Virginia Pocahontas Coal Company	208,406
Yukon Coal Company	166,058
Zenith Coal & Coke Company	134,502

MERCER COUNTY.

Algonquin Coal Company	8,274
American Coal Company	566,762
Booth-Bowen Coal & Coke Company	171,965
Buckeye Coal & Coke Company	136,981
Crystal Coal & Coke Company	172,858
Ennis Coal Company	121,124
Godfrey Coal Company	28,491
Louisville Coal Company	126,132
Mill Creek Coal Company	253,615
Modoc Coal Mining Company	17,570
Pawama Coal & Coke Company	90,932
Patterson, S. J., Pocahontas Coal Co	11,523
Pocahontas Consolidated Collieries Co	435,320
Smokeless Coal & Coke Company	42,258
Solvay Collieries Company	132,818
Thomas Coal Company	180,163
Turkey Gap Coal & Coke Company	96,839
Weyanoke Coal & Coke Company	123,885

MINGO COUNTY.

Buffalo Collieries Company	131,069
Crystal Block Coal & Coke Company	108,000
Glen Alum Coal & Coke Company	331,701
Grey Eagle Coal Company	58,396
Howard Colliery Company	153,122
Howard Junior Coal Company	93,742
Magnolia Coal & Coke Company	48,881
Margaret Mining Company	52,532
Mary Helen Coal Company	104,920
Naugatuck Coal Company	85,903
Red Jacket Consolidated Coal & Coke Co	378,188
Red Jacket Junior Coal Company	214,293
E. L. Sternberger Coal Company	73,146
Stone Mountain Coal Corporation	36,502
Superior Thacker Coal & Coke Company	5,745
Sycamore Coal Company	159,473
Thacker Coal & Coke Company	204,949
War Eagle Coal Company	137,396
White Star Mining Company	67,757
Williamson Coal & Coke Company	92,459

WAYNE COUNTY.

East Lynn Coal Company	51,458

WYOMING COUNTY.

Mead Pocahontas Coal Company	49,717
Trace Fork Coal Company	7,392

Virginia Smokeless Coal Company	1,182
Wyoming Coal Company	36,625
Mullens Smokeless Coal Company	1,250
Total	24,718,268

POTOMAC DISTRICT.

(Counties of Grant, Mineral, Morgan and Tucker.)

GRANT COUNTY.

Buffalo Creek Cumberland Coal Co	39,547
Davis Coal & Coke Company	120,647
Jordan, S. H., Coal Company	4,927

MINERAL COUNTY.

Abrams Creek Coal & Coke Co	32,424
Big Vein Coal Company of West Virginia	21,992
Carroll-Cross Coal Company	39,245
Davis Coal & Coke Company	245,738
Glade Run Coal Company	6,167
Gleason Coal Company	93,442
Grafton Mining Company	25,148
Harris, O. D. Sons Coal Company	1,599
Masteller Coal Company, The	90,595

TUCKER COUNTY.

Cooper, J. Calvin	12,239
Cumberland Coal Company	144,399
Davis Coal & Coke Company	1,297,114
Total	2,175,223

WHEELING DISTRICT.

(Counties of Brooke, Hancock, Marshall and Ohio.)

BROOKE COUNTY.

Clifton Coal Company	93,256
La Belle Iron Works	115,839
Richland Block Coal Company	169,489
West Virginia Pittsburg Coal Co	348,742

MARSHALL COUNTY.

Ben Franklin Coal Company of West Virginia	93,934
Glendale Coal Company	128,288
Hitchman Coal & Coke Co	488,021
Kuntz Brothers & Miller	5,530

Mound City Coal Company	14,059
Mound Coal Company	90,230
Parrs Run Coal Company	50,137
Wheeling Steel & Iron Company	92,974
OHIO COUNTY.	
W. F. Creighton	3,965
Elm Grove Coal Company	32,574
La Belle Iron Works	453,236
Peter Storch & Sons	6,800
Whitaker Glessner Company	43,758
Total	2,230,832

PRODUCTION IN WEST VIRGINIA ACCORDING TO GEOLOGICAL SERIES AND COAL BEDS.

(Tons of 2240 lbs.)

COUNTY	MONONGAHELA SERIES NO. 15			CONEMAUGH SERIES NO. 14 (Elk River)			ALLEGHANY-KANAWHA SERIES NO. 13				
	Sewickly	Red Stone	Pittsburg	Elk Lick	Mason	Mahoning No. 5	Upper Freeport Lewiston	Lower Freeport Coalburg	Upper Kittaning Winifredc	Middle Kittaning Cedar Grove	Lower Kittaning
Barbour		410,932	208,824				28,766	153,904	159,802		
Boone								87,172			
Braxton			294,206								
Brooke			611,487					115,839			
Clay							464,466		67,179		
Fayette								87,195			
Gilmer			137,971								
Grant							120,647	4,927			39,547
Greenbrier											
Harrison		194,942	4,338,090								
Kanawha						758,000	61,963	1,347,473	552,318	135,941	
Lewis		300									
Lincoln							11,065				30,901
Logan									429,407	61,148	
Marion	119,942		5,868,937								
Marshall			963,173								
Mason			125,135								
McDowell											
Mercer											
Mineral			42,907	122,163	32,258		197,014				162,008
Mingo								463,836	691,963		
Monongalia		14,600	254,461				50,886				
Nicholas							46,179				
Ohio			540,333								
Preston							859,817		75,638		44,867
Putnam			479,045								
Ra.eigh								104,885	69,170		
Randolph			23,415								526,693
Taylor			898,021				4,374	44,419			
Tucker							353,770			51,079	1,048,903
Upshur		52,882			45,622						
Wayne									51,458		
Wyoming											
Totals	119,942	673,656	14,786,005	122,163	77,880	758,000	2,198,947	2,409,650	2,096,935	248,168	1,852,919

PRODUCTION IN WEST VIRGINIA ACCORDING TOGEOLOGICAL SERIES AND COAL BEDS.—(Continued.)

(Tons of 2240 lbs.)

COUNTY	ALLEGHANY-KANAWHA SERIES NO. 13				POTTSVILLE-NEW RIVER POCAHONTAS SERIES NO. 12						Totals
	Thacker Davis	No. 2 Gas	Powellton	Clarion No. 1 Gas	Sewell	Welch	Quinnimont and Beckley	War Creek	Pocahontas No. 4	Pocahontas No. 3	
Barbour											962,228
Boone		338,005		150,658							575,835
Braxton											294,206
Brooke											727,326
Clay											531,645
Fayette		1,562,325	211,078	1,319,759	3,565,848		1,135,667				7,881,872
Gilmer											137,971
Grant											165,121
Greenbrier					24,128						24,128
Harrison											4,533,032
Kanawha		1,859,689	54,650	372,552							5,142,586
Lewis											300
Lincoln											41,966
Logan	556,530	2,664,070		2,596,131							6,307,286
Marion											5,988,879
Marshall											963,173
Mason											125,135
McDowell		143,528			1,381,006	576,803		902,339	1,445,360	8,508,638	13,007,674
Mercer										2,717,510	2,717,510
Mineral											556,350
Mingo	982,959	399,416									2,538,174
Monongalia											319,947
Nicholas					76,085						122,264
Ohio											540,333
Preston											980,322
Putnam											479,045
Raleigh					526,545		4,256,967				4,957,567
Randolph											550,108
Taylor											946,814
Tucker											1,453,752
Upshur											98,504
Wayne											51,458
Wyoming										96,166	96,166
Totals	1,539,489	6,967,033	265,728	4,439,100	5,573,612	576,803	5,392,634	902,339	1,445,360	11,322,314	63,818,677

Monongalia Series No. 15	15,579,603
Conemaugh Series No. 14 (Elk River)	958,043
Allegheny-Kanawha Series No. 13	22,017,969
Pottsville-New River Pocahontas Series No. 12	25,263,062
Small Country Mines	300,000
Total	64,118,677

COAL PRODUCTION BY GEOLOGICAL SERIES AND COUNTIES, 1915.

COUNTY	Monongahela Series No. 15	Conemaugh Series No. 14 (Elk River)	Allegheny-Kanawha Series No. 13	Pottsville New River Pocahontas Series No. 12	Total (Tons 2240 lbs.)
Barbour	619,756	....	342,472	....	962,228
Boone	....	....	575,835	....	575,835
Braxton	294,206	....	....	....	294,206
Brooke	611,487	....	115,839	....	727,326
Clay	....	....	531,645	....	531,645
Fayette	....	....	3,180,357	4,701,515	7,881,872
Gilmer	137,971	....	....	....	137,971
Grant	....	....	165,121	....	165,121
Greenbrier	....	....	....	24,128	24,128
Harrison	4,533,032	....	....	....	4,533,032
Kanawha	....	758,000	4,384,586	....	5,142,586
Lewis	300	....	....	....	300
Lincoln	....	....	41,966	....	41,966
Logan	....	....	6,307,286	....	6,307,286
Marion	5,988,879	....	....	....	5,988,879
Marshall	963,173	....	....	....	963,173
Mason	125,135	....	....	....	125,135
McDowell	....	....	143,528	12,864,146	13,007,674
Mercer	....	....	....	2,717,510	2,717,510
Mineral	42,907	154,421	359,022	....	556,350
Mingo	....	....	2,538,174	....	2,538,174
Monongalia	269,061	....	50,886	....	319,947
Nicholas	....	....	46,179	76,085	122,264
Ohio	540,333	....	....	....	540,333
Preston	....	....	980,322	....	980,322
Putnam	479,045	....	....	....	479,045
Raleigh	....	....	174,055	4,783,512	4,957,567
Randolph	23,415	....	526,693	....	550,108
Small Country Mines	Not reported	Not reported	Not reported	Not reported	300,000
Taylor	898,021	....	48,793	....	946,814
Tucker	....	....	1,453,752	....	1,453,752
Upshur	52,882	45,622	....	....	98,504
Wayne	....	....	51,458	....	51,458
Wyoming	....	....	....	96,166	96,166
Totals	15,579,603	958,043	22,017,969	25,263,062	64,118,677

LARGE PRODUCERS.

The Following Companies Each Produced over Two Hundred Thousand Gross Tons of Coal During the Year Ending June 30, 1915.

Consolidation Coal Company, The	3,619,285
Pocahontas Consolidated Colls. Co	1,905,775
United States Coal & Oil Company	1,842,951
United States Coal & Coke Company	1,618,491
Jamison Coal & Coke Company	1,412,379
Davis Coal Company	1,297,114
Four States Coal & Coke Company	939,816
E. E. White Coal Company	915,828
Federal Coal & Coke Company	761,754
Sunday Creek Coal Company	759,658
Carter Coal Company	670,697
Cannelton Coal & Coke Company	649,598
Boomer Coal & Coke Company	634,061
American Coal Company	566,762
Davis Colliery Company	554,845
Hitchman Coal & Coke Company	498,021
Raleigh Coal & Coke Company	466,994
Richland Coal Company	453,236
Maryland Coal Company of West Virginia	450,641
Solvay Collieries Company	445,386
Virginia & Pittsburg Coal & Coke Company	438,536
Elk River Coal & Lumber Company	435,912
Elkins Coal & Coke Company	415,637
J. B. B. Coal Company	414,345
Main Island Creek Coal Company	414,015
Century Coal Company, The	410,932
Paint Creek Colliery Company	396,898
Winding Gulf Colliery Company	369,514
Red Jacket Consolidated Coal & Coke Company	368,188
West Virginia Pittsburg Coal Company	348,742
Logan Mining Company	347,041
Campbell's Creek Coal Company	341,802
Pulaski Iron Company	339,074
New River Colliery Company	338,934
Glen Alum Coal Company	331,701
Premier-Pocahontas Collieries Company	331,679
Monitor Coal & Coke Company	322,118
Pemberton Coal & Coke Company	296,534
Crozer Coal & Coke Company	295,032
Keystone Coal & Coke Company	292,675
Piney Mining Company	282,789
Gulf Smokeless Coal Company	281,674
King Coal Company	279,526
Houston Coal & Coke Company	276,752
Slab Fork Coal Company	274,575
Empire Coal & Coke Company	272,410
West Virginia Colliery Company	269,770
Mill Creek Coal & Coke Company	253,615
Page Coal & Coke Company	251,776
McDowell Coal & Coke Company	236,763
Loup Creek Colliery Company	217,900

Peerless Coal & Coke Company	216,832
Red Jacket Jr., Coal Company	214,293
Ashland Coal & Coke Company	212,695
Elkhorn Coal & Coke Company	210,588
West Virginia-Pocahontas Coal Company	208,406
Thacker Coal & Coke Company	204,949
Dunn Loop Coal & Coke Company	201,601
New Central Coal Company	201,233
Wyatt Coal Company	200,410
	32,482,158

The above statement, containing sixty-one companies producing more than 200,000 tons during the fiscal year 1915, represents a total tonnage of 32,482,158 gross tons, or a little over one-half the entire output of the state. There was 64,118,677 gross tons of coal mined in the state during the year, including all mines, thus leaving 31,636,519 gross tons produced by all the other companies with a production of less than 200,000 gross tons each.

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COUNTY	NAME OF COMPANY	Number Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machines Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
BARBOUR COUNTY								
Boat Run Coal Company	Boat Run No. 1	1	8,200	30	6	36	....	....
Century Coal Co., The	Century No. 1	16	240,368	55	18	73	105	60,092
Century Coal Co., The	Century No. 2	4	42 620	32	6	38	42	67,852
Consolidation Coal Company, The	No. 37	14	138,678	79	24	103	32	70,146
Davis Colliery Company	Junior No. 4	....	....	....	....	....	60	15,598
Davis Coal & Coke Company	Dartmoor No. 4	....	....	....	....	....	120	144,204
Gage Coal & Coke Company	Sara	1	....	....	....	....	20	20,566
Grafton Fuel Company	Lillian	2	42,133	30	4	34	4	4,173
Humphreys Coal Company	Humphreys	2	44 958	26	4	30	....	....
Luella Coal & Coke Company	Luella	....	....	....	....	....	20	32,770
Sandridge Lee J., Coal Company	Meriden Nos. 1-2	3	29,870	35	4	39	....	....
Totals	....	43	546,827	287	66	353	403	415,401
BOONE COUNTY								
Anchor Coal Company	Anchor	4	125,707	77	8	85	....	....
Big Eagle Mining Company	Big Eagle	1	5,507	6	2	8	....	....
Coal River Company, The	Coal River	6	77,341	55	6	61	....	....
Hickory Ash Coal Company, The	Hickory Ash	4	50,430	50	8	58	....	....
Horse Creek Block Coal Company	Opal No. 1	2	26,183	18	4	22	....	....
Peytona Block Coal Company	Peytona Block	5	35,445	40	8	48	....	....
Seng Creek Coal Company	Seng Creek	1	87,172	58	6	64	....	....
Spruce River Coal Company, The	Ramage No 2	5	67,810	50	10	60	....	....
Webb Coal Mining Company	Ferndale	6	100,240	36	3	39	....	....
Totals	....	34	575,835	390	55	445	....	....
BRAXTON COUNTY								
Copen Creek Coal Company	Van With	2	20,000	12	2	14	28	30,000
Davis Colliery Company	Nos. 10-3-7	8	124,626	49	16	65	15	54,626
Davis Colliery Company	No. 11	....	....	....	....	....	22	64,954
Totals	....	10	144,626	61	18	79	65	149,580

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
BROOKE COUNTY								
Clifton Coal Company	Clifton No. I	7	93,256	95	12	107	....	....
La Bella Iron Works	La Belle Shaft	3	115,839	58	6	64	....	....
Richland Block Coal Co	Beech Bottom	7	133,691	135	14	149	35	35,798
West Virginia-Pittsburg C. Co	Locust Grove No. 1	10	165,399	124	16	140	31	40,002
West Virginia-Pittsburg C. Co	Gilchrist No. 3	3	43,035	51	6	57	12	4,564
West Virginia-Pittsburg C. Co	La Belle	6	79,571	109	10	119	25	16,171
Totals	....	36	630,791	572	64	636	103	96,535
CLAY COUNTY								
Elk River Coal & Lumber Co	Rich Run	8	435,912	160	16	176	....	....
Elliott Splint Coal Co., The	York No. 1	2	67,179	60	6	66	....	....
Queen Shoals Coal Company	Burnzwell	....	....	....	....	....	20	28,554
Totals	....	10	503,091	220	22	242	20	28,554
FAYETTE COUNTY								
Aileen Coal Company	Aileen	....	....	....	....	....	32	27,684
Ajax Coal Company	Ajax	....	....	....	....	....	30	15,764
Babcock Coal & Coke Co	Nos. 3-4	1	12,602	5	2	7	55	46,684
Ballinger Coal Company	Ballinger No. 1	....	....	....	....	....	74	51,755
Beechwood Coal & Coke Company	Nos. 1-2	....	....	....	....	....	110	66,206
Beury Brothers Coal & Coke Co	Echo	....	....	....	....	....	72	56,255
Big Bend Coal Company	Big Bend	....	....	....	....	....	22	22,430
Boomer Coal & Coke Co	No. 2 North	10	190,654	189	20	209	53	66,318
Boomer Coal & Coke Co	No. 2 South	6	136,265	150	12	162	34	14,918
Boomer Coal & Coke Co	No. 4	7	126,012	131	14	145	1	207
Boomer Coal & Coke Co	No. 5	4	99,052	60	8	68	1	635
Blume, G. M. Estate	Fayette	3	5,000	15	6	21	15	4 000
Blume Coal & Coke Company	Blume	6	54,525	50	12	62	12	10,905
Branch Coal & Coke Co	Elverton	6	20,644	25	6	31	30	16,790
Brown Coal Company	Brown	6	27,807	25	10	35	50	39,273
Cannelton Coal & Coke Company	No. 2	11	289,878	285	24	309	....	1,985
Cannelton Coal & Coke Company	No. 3	1	21,634	25	2	27	....	286
Cannelton Coal & Coke Company	No. 4	4	94,972	75	8	83	....	8
Collins Colliery Company	Collins	3	21,967	20	6	26	55	59,629
Columbus Iron & Steel Co	No. 1	8	111,151	80	10	90	16	7,445

Christian Colliery Company	Christian No. 1	5	55,100	78	10	88		
Christian Colliery Company	Powellton	2	14,300	16	2	18		
Deitz Colliery Company	No. 2 Gas	3	5,480		4	4	20	14,930
Dun Glen Coal Company	Dun Glen						10	6,150
Dunn Loop Coal & Coke Co	Dun Loop						206	201,603
Elmo Mining Company, The	Elmo	4	13,205	19	6	25	8	12,884
Ephriam Creek Coal & Coke Co	Buffalo & Slater	5	22,419	10	8	18	90	108,904
Eureka Coal Company	Eureka No. 2						22	15,848
Export Coal Company	Export						50	29,410
Fire Creek Coal & Coke Co	Buffalo						33	36,858
Fort Defiance Coal & Coke Co	Ft. Defiance	6	43,721	32	10	42		
Gauley Mountain Coal Company, The	Buck Run	4	36,409	27	8	35		
Gauley Mountain Coal Company, The	Turkey Creek & Nova Scotia	21	48,839	55	10	65	50	59,326
Gaymont Coal Company	Gaymont	1		6	2	8		1,400
Glendale Colliery Company	Bucklick							5,150
Greenwood Coal Company	Greenwood	1	2,623		2	2	76	68,714
Evans & Sons	Gt. Kanawha Colliery Co.	1		4	1	5	10	10,203
Harvey Coal & Coke Company	Harvey	8	83,032	54	16	70	66	86,880
Hemlock Hollow Coal & Coke Co	Hemlock	3	13,772	15	6	21	38	34,887
Hindson Coal Company	Dun Glen						12	650
W. R. Johnson Coal Company	Oakland	1	13,363	10	2	12	50	26,577
Keeneys Creek Colliery Co	Boone	2	13,523	31	4	35	43	31,460
Keeneys Creek Colliery Co	Smokeless	4	43,420	64	8	72	26	16,380
Laura Mining Company	Laura						16	22,415
Laurel Creek Coal Company	Laurel	1	849	1	4	5	40	39,909
Lookout Coal & Coke Company	Lookout	4	36,239	40	8	48		
Long Branch Coal Company	No. 2						80	122,560
Loup Creek Colliery Company	Loup Creek No. 2	10	33,496	22	8	30	197	184,403
Low Moor Iron Company of Virginia, The	Kay Moor No. 1	3	11,135	20	20	40	65	48,110
Low Moor Iron Company of Virginia, The	Kay Moor No. 2	3	4,721	12	2	14	25	14,423
Lynchburg Colliery Company	No. 2 Gas	2	9,365		4	4	25	18,705
M. B. Coal & Coke Co	Elk Ridge No. 1	4	58,331	50	6	56	3	4,440
M. B. Coal & Coke Co	Elk Ridge No. 2	4	72,037	49	6	55	9	7,105
M. B. Coal & Coke Co	Kimberly No. 3	4	28,620	49	6	55	1	272
M. B. Coal & Coke Co	Columbia No 5	2	28,569	36	4	40	1	78
Macdonald Colliery Company	Mac Donald	1	3,223	5	2	7	40	51,133
Meadow Fork Coal Company	Meadow Fork						35	24,320
McKee Coal & Coke Company	Derryhale	1	2,534		2	2	33	42,472
McKee Coal & Coke Company	Kilsyth	9	93,712	25	4	29	76	27,200
Michigan Coal Company	Michigan						29	20,599
Midvale Colliery Company	Midvale	4	52,701	47	6	53		
Milburn Coal Company	Milburn No. 1	3	150,295	60	8	68		
Mill Creek Colliery Company	Mill Creek	12	17,883	20	20	40		
Mt. Hope Coal & Coke Company	Baby						32	53,352
Mount Carbon Company, Ltd	Vulcan	4	18,425	18	2	20	40	36,440
Newlyn Coal Company	Newlyn						35	22,624
New River Collieries Company	Sun Nos. 1-2	7	85,617	40	12	52	120	250,343
New River & Pocahontas Consolidated C Co	Layland Nos 1-2-3						207	248,202
New River & Pocahontas Consolidated C. Co	No 2	3	72,050	62	12	74	31	45,978

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mine Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
FAYETTE COUNTY—Continued								
New River & Pocahontas Consolidated C. Co.	Minden No. 3	6	100,438	100	12	112	26	30,953
New River & Pocahontas Consolidated C. Co.	Minden No. 4	7	117,210	100	12	112	31	47,678
New River & Pocahontas Consolidated C. Co.	Minden No. 5	6	89,631	72	8	80	32	38,169
New River & Pocahontas Consolidated C. Co.	Weirwood	3	19,383	50	12	62	....	....
Nichol Colliery Company	Nichol	4	32,648	25	4	29	15	16,320
Nuttallburg Smokeless Fuel Co.	Nuttallburg	6	29,147	28	10	38	24	22,215
New River Company	Prudence	1	18,298	10	4	14	75	102,138
Quinnimont Coal Company	Big Q	1	4,275	10	2	12	56	28,525
Ridgeview Coal Company	Ridgeview	....	....	....	....	....	20	5,701
River Valley Colliery Company	Bachman	3	21,347	34	6	40	....	....
Rock Lick Coal Company	Concho No. 1 Erskine No. 2	1	98,358	6	4	10	110	6,100
Rothwell Coal Company	Dubree	2	21,959	18	4	22	6	9,562
Scotia Coal & Coke Company	Brooklyn	3	13,660	8	....	8	35	40,955
Scotia Coal & Coke Company	Red Ash	....	....	....	....	....	15	25,584
Scotia Coal & Coke Company	Rush Run	....	....	....	....	....	15	52,110
Scotia Coal & Coke Company	Once More	....	....	....	....	....	20	....
Sewell Colliery Company	Sugar Camp	3	13,617	22	4	26	46	28,990
Signal Knob Coal Company	Signal Knob	....	....	....	....	....	20	14,466
Solvay Collieries Company	Eagle No. 1 Powellton No. 1	4	62,692	64	4	68	....	....
Solvay Collieries Company	Kingston 1-2-3-4-5	8	290,374	166	44	210	35	92,320
St Clair Colliery Company	St. Clair & Archer	5	80,168	70	10	80	11	8,855
Star Coal & Coke Company, The	Star	3	53,308	30	6	36	100	74,561
South Side Company	South Side	3	18,968	7	4	11	49	50,767
Stone Cliff Coal & Coke Company	Stone Cliff	....	....	....	....	....	35	37,198
Stuart Colliery Company	Lochgelly	6	70,579	52	12	64	30	19,739
Stuart Colliery Company	Summerlee	7	73,078	61	12	73	6	11,322
Sugar Creek Coal & Coke Company	Sugar Creek	....	....	....	....	....	40	64,678
Sunday Creek Coal Company	No. 111	6	64,908	79	10	89	24	9,149
Sunday Creek Coal Company	No 112	9	124,066	101	14	115	25	26,758
Sunday Creek Coal Company	No. 114	12	110,442	118	20	138	43	28,134
Sunday Creek Coal Company	No. 116	3	3,448	51	4	55	....	51
Turkey Knob Coal Company	Turkey Knob	....	....	....	....	....	131	127,942
White Oak Fuel Company	Carlisle	1	35,739	2	2	4	82	103,080
White Oak Fuel Company	Searbro & Wingrove	11	64,394	99	22	121	45	74,124
White Oak Fuel Company	Whipple	3	34,611	21	6	27	33	43,337
Willis Branch Coal Company	Willis Branch	....	....	....	....	....	58	10,000
Totals	....	354	4,067,917	3,516	627	4,143	3,905	3,813,955

GILMER COUNTY								
Gilmer Fuel Company	Gilmer	7	90,354	35	14	59		
Katherine Coal Company	Katherine						10	650
McCaa Coal Company	McCaa	2	46,967	20	4	24		
Totals		9	137,321	55	18	83	10	650
GRANT COUNTY								
Buffalo Creek Cumberland Coal Company	Buffalo Creek No. 1						50	39,547
Davis Coal & Coke Company, The	No. 22	4	91,545	69	10	79	6	29,102
Jordan, S. H	Cottage Street						6	4,927
Totals		4	91,545	69	10	79	62	73,576
GREENBRIER COUNTY								
Elk Lick Coal Company	Spruce Knob						17	24,128
Totals							17	24,128
HARRISON COUNTY								
Antler Coal Company	Katherine						32	40,078
Byron Coal Company	Althea	2	66,855	46	4	50		
Blue Ridge Coal Co., D. Howard Receiver	Thompson						10	8,894
Blue Ridge Coal Co., D Howard Receiver	Thompson						10	6,278
Calif Coal Company	Calif	2	16,363	12	4	16	26	49,089
Central Fairmont Coal Company	Snake Hill	2	88,692	43	4	47		
Clarksburg Coal Mining Company	Florida	9	5,812	15	4	19		
Consolidation Coal Company, The	No. 21	13	137,718	81	29	110	20	28,229
Consolidation Coal Company, The	No. 23	4	9,263	9	3	12		56
Consolidation Coal Company, The	No. 25	9	156,853	108	14	122	30	47,431
Consolidation Coal Company, The	No. 27	5	38,704	34	10	44	20	14,863
Consolidation Coal Company' The	No. 29	6	71,080	63	10	73	23	24,920
Consolidation Coal Company, The	No. 32	10	236,953	140	24	164	20	39,258
Consolidation Coal Company, The	No. 33	3	7,411	13	3	16	7	3,471
Consolidation Coal Company, The	No. 35	6	11,477	32	4	36	4	4,974
Consolidation Coal Company, The	No. 39	5	37,567	34	7	41	2	2,792
Consolidation Coal Company, The	No. 40	11	120,551	135	22	157	39	47,099
Consolidation Coal Company, The	No. 42	6	23,465	30	10	40	10	3,889
Consolidation Coal Company, The	No. 44	3	9,099	13	4	17	2	2,353
Consolidation Coal Company, The	No. 48	5	44,471	35	10	45	18	17,290
Consolidation Coal Company, The	No. 49 Tonnage not reported			59	24	83	53	Not reported
Consolidation Coal Company, The	No. 50	7	22,551	33	6	39		3,210
Consolidation Coal Company, The	No. 51	10	112,696	80	20	100	31	21,403
Consolidation Coal Company, The	No. 52	12	23,287	28	10	38	8	5,755
Consolidation Coal Company, The	No. 54	7	56,824	46	8	54	5	3,474
Consolidation Coal Company, The	No. 55	6	44,364	59	10	69	20	14,536
Consolidation Coal Company, The	No. 58	3	9,072	11	3	14	8	5,145
Consolidation Coal Company, The	No. 60	2	5,663	12	1	13	5	1,870
Consolidation Coal Company, The	No. 62	5	35,467	28	8	36	7	4,638
Consolidation Coal Company, The	No. 64	9	12,938	17	6	23	3	3,015

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machines Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
HARRISON COUNTY—Continued								
Consolidation Coal Company, The	No. 65	5	19,555	25	8	33	....	953
Consolidation Coal Company, The	No. 66	5	66,636	77	10	87	....	11,820
Corona Coal & Coke Company	Harold	2	29,181	10	3	13	6	34,476
Fairmont & Baltimore C. & C. Company	Fairmore	1	36,814	21	3	24	20	27,983
Fairmont & Clarksburg Coal Company	Phoenix	6	10,030	12	4	16	....	....
Francois Coal & Coke Company	Norwood	2	43,655	25	4	29	15	20,513
Harry B. Coal & Coke Company	Pitcairn	4	119,601	60	8	63	45	51,259
Hygrade Coal Company	Page	....	....	....	....	....	16	6,189
Haywood Coal Mining Company	Monroe	4	49,467	20	6	26	5	2,900
Hutchinson Coal Company	Delta	4	47,926	30	6	36	6	9,643
Hutchinson Coal Company	Erie Nos. 1-2	5	183,821	75	14	89	....	10,713
Hutchinson Coal Company	Florence	4	74,227	55	10	65	11	21,646
Hutchinson Coal Company	Girard Nos 1-2	9	46,426	35	14	49	25	52,501
Hutchinson Coal Company	Hutchinson Nos. 2-3	10	225,991	100	22	122	10	33,600
Hutchinson Coal Company	McCandlish	8	188,434	106	16	122	....	35,133
Hutchinson Coal Company	York	....	....	....	....	....	25	24,186
Johnston McIntire Coal Company	Gilbert	....	....	....	....	....	20	12,832
Klinfelter, J. S. & Company	Page	1	14,540	6	2	8	13	4,460
Lambert Run Coal Company	Clauson	4	58,343	35	8	43	15	27,665
Long, J. E. Coal Company	Burke	....	....	....	....	....	14	10,454
Madeira-Hill Clark Coal Company	Goff	....	....	....	....	....	40	63,793
Madeira-Hill Clark Coal Company	Randolph	15	119,610	75	25	100	3	....
Madeira-Hill Clark Coal Company	Waldo	....	....	....	....	....	40	72,930
Marion Gas Coal Company	Bingamon	6	40,765	63	10	73	1	603
Marshall Coal Company	Marshall	16	118,979	100	24	124	....	....
Monongah Fuel Company	Gallihue	....	....	....	....	....	20	30,103
National Coal Company	National	....	....	....	....	....	16	5,193
Orr Coal Mining Company	Miller No. 1	2	49,283	40	4	44	....	....
Orr Coal Mining Company	Miller No. 2	2	49,283	40	4	44	....	....
Orr-Shields Coal Company	Phoenix	6	16,246	13	4	17	....	....
Overholt Coal Company	Overholt	1	15,182	6	2	8	4	11,433
Righter Coal & Coke Company	Righter	....	....	....	....	....	60	104,301
Rosebud Fuel Company	Rosebud No. 1	1	291	2	2	4	23	19,592
Rosebud Fuel Company	Rosebud No. 2	5	39,554	30	10	40	15	15,436
Taylor Collieries Company	Taylor No. 1	5	55,239	10	3	13	2	6,610
Templeton Coal Company	Fowler No. 2	....	....	....	....	....	25	34,661
Vincent Coal Company	Grasselli	....	....	....	....	....	21	32,423

Virginia-Maryland Coal Corporation	Willard Nos. 1-2-3	16	145,224	69	32	101	12	24,204
Winchester Coal Company	Winchester	2	32,633	26	4	30	3	1,560
Totals		313	3,302,194	2,382	524	2,906	944	1,230,838
KANAWHA COUNTY								
Belmont Coal Company	Belmont	7	72,120	65	10	75		
Black Band Fuel Company	Black Band No. 1	3	60,832	39	6	45		
Black Band Fuel Company	Black Band No. 2	2	38,965	30	4	34		596
Blue Creek Coal & Land Company	Blakeley No. 2	5	35,149	34	7	41	1	212
Blue Creek Coal & Land Company	Blakeley No. 3	3	21,509	20	3	23	20	17,192
Blue Creek Coal & Land Company	Blakeley No. 5	1	7,240	5	2	7		
Cabin Creek Consolidated Coal Company	Acme	2	26,366	16	4	20		
Cabin Creek Consolidated Coal Company	Belleclare	3	15,017	8	4	12	35	42,947
Cabin Creek Consolidated Coal Company	Black Tulip	7	62,112	36	10	46	8	6,090
Cabin Creek Consolidated Coal Company	Buckeye	6	51,945	36	12	48	7	6,082
Cabin Creek Consolidated Coal Company	Caledonia	3	14,489	10	4	14		
Cabin Creek Consolidated Coal Company	Cherokee	5	34,371	18	10	28	21	35,288
Cabin Creek Consolidated Coal Company	Davis	5	31,875	21	10	31	10	14,888
Cabin Creek Consolidated Coal Company	Empire	4	38,381	24	8	32		
Cabin Creek Consolidated Coal Company	Holly	5	26,105	15	8	23	8	8,266
Cabin Creek Consolidated Coal Company	Kayford	2	24,614	10	4	14	39	60,862
Cabin Creek Consolidated Coal Company	Keystone						14	21,217
Cabin Creek Consolidated Coal Company	Quarrier	5	18,965	11	8	19	25	34,840
Cabin Creek Consolidated Coal Company	Raccoon No. 1	9	92,815	48	16	64	1	429
Cabin Creek Consolidated Coal Company	Raccoon No. 2 East	3	66,226	29	6	35	2	3,989
Cabin Creek Consolidated Coal Company	Raccoon No. 2 West	4	47,217	28	8	36	12	19,964
Cabin Creek Consolidated Coal Company	Red Warrior	2	12,850	4	2	6	23	15,360
Cabin Creek Consolidated Coal Company	Rose	5	67,161	37	10	47	3	3,626
Cabin Creek Consolidated Coal Company	Ruby	3	67,134	46	6	52		20
Cabin Creek Consolidated Coal Company	Shamrock	8	129,610	50	16	66	11	26,792
Cabin Creek Consolidated Coal Company	Thistle	1	3,331	2	2	4	38	46,230
Cabin Creek Consolidated Coal Company	United Gas	1	384				45	107,057
Cabin Creek Consolidated Coal Company	United Splint	5	60,739	32	10	42	5	5,914
Chesapeake Mining Company	Chesapeake Nos. 1-2	7	59,987	55	12	67		
Coalburg Colliery Company	Ronda	4	88,522	80	6	86		
Coalburg Kanawha Coal Company, The	A	2	35,848	30	4	34		
Coalburg Kanawha Coal Company, The	B	3	60,833	55	8	63		
Campbell's Creek Coal Company	No. 1	11	245,974	162	18	180		
Campbell's Creek Coal Company	No. 3	5	95,828	59	10	69		
Cannelton Coal & Coke Company	Cannelton No. 1	8	225,823	225	16	241		15,012
Carbon Coal Company	Eagle	3	30,580	30	4	34		
Carbon Coal Company	Carbon Splint	5	65,560	60	8	68		
Carbon Coal Company	South Carbon	3	23,515	20	6	26	16	19,020
Dry Branch Coal Company	Dry Branch	6	74,100	62	12	74		
East Bank Mining Company	East Bank						20	8,850
Eureka Coal Company	Eureka Nos. 1-3 & 4	3	28,628	30	6	36		
Eureka Coal Company	Eureka No. 6	3	23,185	35	6	41		
Hackett Coal Company	Hackett No. 1						10	5,900
Imperial Colliery Company	Imperial No. 1	3	76,100	54	6	60		

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
KANAWHA COUNTY—Continued								
Imperial Colliery Company	Imperial No. 3	4	56,000	45	6	51	...	...
Imperial Colliery Company	Imperial No. 4	2	17,350	21	4	25	...	...
Jacob Housholder	Pen Mar No. 3	...	...	...	...	...	8	2,493
Kanawha River Coal Company	No. 2 Gas	1	2,877	9	2	11	...	...
Kelley's Creek Colliery Co.	No. 1	6	93,940	78	6	84	...	...
Kelley's Creek Colliery Co.	Nos. 3 & 3½	7	129,841	118	...	118	...	...
Lewis Coal & Coke Company	Lewis No. 2	5	20,118	50	6	56	...	3,205
Lewiston Block Coal Company	Lewiston	...	...	...	...	...	21	3,675
Marmet Coal Company, The	Black Band	6	55,235	42	12	54	...	...
Marmet Coal Company, The	Monarch	12	34,923	34	14	48	...	...
Marmet Coal Company, The	New Butler	6	35,091	30	8	38	...	...
Mill Creek Cannel Mining Company	Villa	...	...	...	...	...	15	6,100
Montgomery Coal Company	Kanawha	3	10,271	18	8	26	20	4,896
Morris Fork Coal Company	Turner No. 2	4	55,266	38	8	46	4	2,400
National Bituminous Coal & C. Company	No. 1	4	33,455	26	8	34	...	...
National Bituminous Coal & C. Company	No. 2	5	92,547	60	10	70	...	...
Paint Creek Collieries Company	Banner	4	18,317	19	6	25	...	...
Paint Creek Collieries Company	Grose	4	43,550	42	6	48	...	...
Paint Creek Collieries Company	Paint Creek	9	103,008	122	18	140	...	...
Paint Creek Collieries Company	Reynolds	5	48,908	60	10	70	...	...
Paint Creek Collieries Company	Scranton	5	53,178	64	10	74	...	...
Paint Creek Collieries Company	Wacomah	3	33,254	25	6	31	...	...
Quincy Coal Company	No. 1	1	5,336	5	2	7	...	...
Quincy Coal Company	No. 2	5	41,200	30	6	36	3	2,159
Republic Coal Company	No. 1	4	14,390	12	2	14	18	21,650
Republic Coal Company	No. 2	1	...	...	...	...	35	46,320
Republic Coal Company	No. 3	3	13,688	10	2	12	25	34,052
Republic Coal Company	No. 5	3	18,717	19	2	21	...	...
Standard-Kanawha Coal Mining Company	Coalridge No. 1	9	72,160	80	16	96	...	...
Standard-Kanawha Coal Mining Company	Acme No. 2			...	...	...	30	12,061
Standard Splint & Gas Coal Company	Standard	5	43,751	50	10	60	32	27,861
Southwestern Splint Fuel Company	Black Cat	3	55,267	40	6	46	...	...
Sunday Creek Coal Company	No. 101	2	23,047	30	6	36	...	...
Sunday Creek Coal Company	No. 104	5	34,055	60	10	70	...	...
Sunday Creek Coal Company	No. 105	8	102,583	100	16	116	15	4,754
Sunday Creek Coal Company	No. 108	6	62,824	70	10	80	2	...
Virginia Coal Company	Virginia	3	27,250	60	6	66	...	...

Wake Forest Mining Company	Wake Forest	3	64,175	34	4	38	30	34,325
West Virginia Colliery Company	No. 1	2	25,080	15	2	17	29	50,410
West Virginia Colliery Company	No. 3	4	103,652	50	8	58	18	34,128
West Virginia Colliery Company	No. 4	3	49,947	28	4	32	10	16 553
Winifrede Coal Company	Winifrede N. S. & W	15	57,669	98	12	110	158	70,530
Wyatt Coal Company	Berlin	5	30,430	36	10	46	12	30,430
Wyatt Coal Company	Horton	4	70,110	75	8	83	25	30,800
Wyatt Coal Company	Oakley	4	38,640	26	8	34	9	....
Totals		368	4,177,141	3,460	610	4,070	896	965,445
LEWIS COUNTY								
Burrows Coal Company	Polar	....	....	....	....	....	8	300
Totals		....	....	....	....	....	8	300
LINCOLN COUNTY								
Branchland Coal Company	Branchland	6	30,901	22	10	32	....	....
Guyan River Coal Company	Guyan River	2	11,065	8	4	12	....	....
Totals		8	41,966	30	14	44	....	....
LOGAN COUNTY								
Amherst Coal Company	Amherst Nos. 1-2	4	124,577	79	8	87	....	....
Aracoma Coal Company	Aracoma Nos. 1-2	6	141,964	81	8	89	....	....
Argyle Coal Company	Argyle	2	60,462	26	4	30	....	....
Avon Coal Company, The	Avon	5	90,430	70	10	80	....	....
Bengal Coal Company	Bengal	3	22,417	2	2	4	25	....
Black Hawk Colliery Company	Black Hawk	....	....	....	....	....	22	12,265
Buffalo Eagle Colliery Company	Buffalo Eagle	1	50,763	17	2	19	....	....
Buffalo Eagle Colliery Company	Buffalo Eagle No. 2	1	25,811	12	2	14	....	....
Coal River Coal & Coke Company	Dobra	4	136,057	45	8	53	....	....
Coal Valley Mining Company	Sylvia	3	114,690	61	6	67	....	....
Cora Coal & Coke Company	Cora	4	82,271	46	8	54	....	....
Crown Coal & Coke Company	Crown	3	45,072	25	4	29	....	....
Cub Fork Coal Company	Cub Fork	2	45,753	35	4	39	....	....
Draper Coal & Coke Company	Draper	5	22,165	30	10	40	....	....
Eagle Island Coal Company	Kistler	3	35,749	20	4	24	....	....
Ethel Coal Company, The	Ethel Nos. 1-2	7	157,420	60	14	74	20	39,354
Ft. Branch Coal Corporation	Fort Branch	3	54,444	40	6	46	....	....
Frieze Fork Coal Mining Company	Frieze Fork	2	31,152	20	4	24	....	....
Gay Coal & Coke Company	Gay	5	130,461	58	8	66	4	2,676
George's Creek Coal Company, Inc	George's Creek	1	64,295	28	4	32	....	....
Guyandotte Coal Company	Guyandotte	5	31,396	20	6	26	5	3,539
Huddleston Coal & Coke Company	Huddleston	1	60,000	25	2	27	....	....
Island Creek Colliery Company	Switzer	4	142,000	75	6	81	....	....
Island Creek Block Coal Company	Anthony	....	....	....	....	....	19	24,322
Johnson, E. R. Coal Mining Company	Nos. 1-2	3	22,445	23	4	27	....	....
Jones-Parsons Coal Company	Idamay	....	....	....	....	....	30	35,000
Kohinoor Coal & Coke Company	Kohinoor	2	108,798	60	8	68	20	....

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
LOGAN COUNTY—Continued								
Lincoln Coal Mining Company	Lincoln	3	4,674	10	4	14	5	386
Litz-Smith Coal Company	Litz-Smith	1	10,506	15	2	17	....	....
Logan Coal Company	Logan	4	109,193	55	8	63	....	....
Logan Mining Company	Earling	5	111,527	34	8	42	6	9,748
Logan Mining Company	Manitoba	4	75,430	35	8	43	5	8,457
Logan Mining Company	Mona	4	62,231	34	6	40	....	....
Logan Mining Company	Wanda	4	73,472	37	10	47	6	1,176
Long Flame Coal Company	Long Flame	2	62,710	35	4	39	....	....
Lorain Coal & Dock Company	Lorado	2	16,500	30	4	34	....	....
Main Island Creek Coal Company	Nos. 2-3	3	59,014	45	5	50	....	....
Main Island Creek Coal Company	No. 4	6	255,343	180	20	209	....	....
Main Island Creek Coal Company	Nos. 5-6	6	108,658	90	10	100	....	....
Maher-Pursglove Mining Company, The	No. 5	3	13,460	25	6	31	....	....
Manbar Coal Company	Manbar	2	22,185	15	2	17	....	....
Mifflin Coal Company	Nos. 1-2	10	66,955	32	6	38	....	....
Monitor Coal & Coke Company	Monitor No. 1 Beechwood 3	13	263,432	127	20	147	27	53,686
McGregor Coal Company	McGregor	7	167,967	74	14	88	....	....
Opperman Coal Company, The	Opperman	4	48,893	35	4	39	....	....
Paragon Colliery Company	Paragon	4	86,680	50	8	58	....	....
Rex Coal & Coke Company	Rex	5	112,370	52	10	62	....	....
Rich Creek Coal Company	Wilburn	2	44,528	16	4	20	....	....
Ruffner Coal Company	Ruffner	1	2,738	10	2	12	....	....
Shamrock Coal Company	Litz-Smith	4	62,249	42	6	48	....	....
Spruce Bend Coal Company	Sharples	5	49,470	30	6	36	....	....
Spruce Valley Coal Company	Spruce Valley	3	77,281	52	6	58	10	5,245
Stone Branch Coal Company	Stone Branch	7	49,197	45	14	59	8	12,565
Sovereign Coal Company	Sovereign	3	48,371	49	6	55	....	....
Sunbeam Coal Company	Sunbeam	2	29,631	23	4	27	....	....
Summers H. B. Coal Company	Summers	1	37,000	18	2	20	....	....
Thomas Coal Company, D. C.	Grace	2	73,678	30	4	34	....	....
United States Coal & Oil Company	Island Creek No. 1	9	380,974	150	12	162	....	....
United States Coal & Oil Company	Island Creek No. 2	8	182,556	58	6	64	....	....
United States Coal & Oil Company	Island Creek No. 3	6	178,937	82	8	90	....	....
United States Coal & Oil Company	Island Creek No. 4	6	215,940	118	10	128	....	....
United States Coal & Oil Company	Island Creek No. 6	6	177,947	76	8	84	....	....
United States Coal & Oil Company	Island Creek No. 7	5	272,029	103	12	115	....	....

United States Coal & Oil Company	Island Creek No. 8	5	255,084	114	10	124		
United States Coal & Oil Company	Island Creek No. 10	3	128,329	49	6	55		
United States Coal & Oil Company	Island Creek No. 11	2	27,577	60	6	66		
United States Coal & Oil Company	Island Creek No 12	2	13,578	62	8	70		
Virginia-Buffalo Coal Company	Virginia-Buffalo	2	35,826	15	4	19		
Wilson, H. T. Coal Company	Wilson	6	94,952	50	10	60		
Yuma Coal & Coke Company, The	Yuma	5	118,093	63	8	71		
Totals		267	6,098,817	3,283	463	3,746	192	208,469
MARION COUNTY								
Buttermore, J. J. Coal Company	Elizabeth						12	7,584
Catawba Coal Company	Catawba						10	11,976
Consolidation Coal Company, The	No. 22	8	241,398	148	15	163	88	158,258
Consolidation Coal Company, The	No. 24	9	57,863	55	20	75	50	28,591
Consolidation Coal Company, The	No. 26	15	180,162	131	22	153	55	71,527
Consolidation Coal Company, The	No. 28	8	20,169	33	2	35	22	15,034
Consolidation Coal Company, The	No. 36	4	27,745		19	19	87	119,535
Consolidation Coal Company, The	No. 33	8	60,601	94	15	109	84	71,304
Consolidation Coal Company, The	No. 43	11	163,573	102	18	120	76	134,736
Consolidation Coal Company, The	No. 45		1,063				68	31,723
Consolidation Coal Company, The	No. 47	6	129,314	40	15	55	33	105,301
Consolidation Coal Company, The	No. 53	4	36,615	66	3	69	26	24,928
Consolidation Coal Company, The	No. 56	8	23.119	50	14	64	51	24,883
Consolidation Coal Company, The	No. 59						15	32,472
Consolidation Coal Company, The	No. 63	14	159,809	142	20	162	103	155,031
Consolidation Coal Company, The	No. 63						43	84,741
Consolidation Coal Company, The	No. 82						2	1,050
Consolidation Coal Company, The	No. 84	11	174,896	169	20	189	12	12,902
Consolidation Coal Company, The	No. 85						2	2,224
Dakota Coal & Coke Company	Dakota No. 2	2	171,000	60	14	74	20	23,240
Fairmont & Clev land Coal Co	Parker Run	6	73,849	66	10	76	6	38,869
Federal Coal & Coke Company	Federal	35	640,406	300	68	368	68	121,348
Receivers of Four States C. & C. Company	Annabelle	37	338,523	203	40	243	45	42,729
Harry B. Coal Company	Junior & Harry B						40	85,754
Jamison Coal & Coke Company	Jamison No. 7	23	440,944	110	40	150	23	54,996
Jamison Coal & Coke Company	Jamison No. 8	27	338,012	100	54	154	57	138,273
Jamison Coal & Coke Company	Jamison No. 9	32	406,911	123	58	181	12	33,243
McCoy Coal Company	McCoy						3	1,375
New Central Coal Company	Stafford	19	158,603	77	27	104	33	42,630
Phillips Coal Company	Phillips						15	22,580
Robinson Coal Company	James						3	5,935
Virginia & Pittsburg Coal & C. Company	Kingmont						200	320,904
Virginia & Pittsburg Coal & C. Company	Morgan						85	117,632
Totals		287	2,845 571	2,069	494	2,563	1,449	2,143,308

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
MARSHALL COUNTY								
Ben Franklin Coal Company of West Virginia	Panama	4	83,934	99	8	107		
Glendale Coal Company	Glendale	5	128,288	75	8	83		
Hitchman Coal & Coke Company	Hitchman	14	498,021	320	36	356		
Kunz Brothers & Miller	Boggs Run						8	5,530
Mound Coal Company	Mound	4	90,230	98	10	108		
Mound City Coal Company	Mound City		14,059					
Parrs Run Coal Company	Parrs Run	5	50,137	70	10	80		
Wheeling Steel & Iron Company	Benwood	6	91,401	93	10	103		1,578
Totals		38	956,070	755	82	837	8	7,108
MASON COUNTY								
Hutchinson Coal Company	Linden	5	83,152	80	12	92		3,540
Jackson Coal & Mining Company	Jackson	3	24,898	25	6	31		
Newton, J. M. & D. E.	Sliding Hill	2	12,545	14	4	18		1,000
Totals		10	120,595	119	22	141		4,540
McDOWELL COUNTY								
Arlington Coal & Coke Company	Arlington						88	119,403
Algoma Coal & Coke Company	Algoma	3	57,123	30	6	36	60	91,897
Ashland Coal & Coke Company	Ashland & Graeber	10	95,433	65	16	81	55	117,262
Bell Coal & Mining Company, The	Vaughan						40	31,201
Bottom Creek Coal & Coke Company	Bottom Creek No. 1	4	57,691	29	4	33	27	32,921
Bottom Creek Coal & Coke Company	Bottom Creek No. 2	3	58,785	30	4	34	17	15,120
Black Wolfe Coal & Coke Company	Black Wolfe	3	49,475	25	4	29		
Buchanan Coal Company	Buchanan						17	22,883
Carter Coal Company	Caretta	7	183,537	105	16	121	6	5,682
Carter Coal Company	No. 1 West						6	21,691
Carter Coal Company	No. 2 East and West						22	45,513
Carter Coal Company	Nora	4	88,165	60	6	66	10	11,103
Carter Coal Company	Olga	5	43,313	30	10	40		
Carter Coal Company	Six	9	248,006	120	16	136	25	25,687
Central Pocahontas Coal Company	Nos. 1-2						28	84,080
Cirrus Coal & Coke Company	Nos. 1-2	2	23,910	47	4	51		
Colonial Pocahontas Coal Company, The	Colonial						14	22,004

Columbus Pocahontas Coal Company, The	Columbus Pocahontas						10	3,162
Crozer Coal & Coke Company	Crozer Nos. 1-2	2	49,672	70	4	74	120	245,360
Cumberland Cannel Coal Company	Gem-Pocahontas						15	18.000
Davy-Pocahontas Coal Company	Nos. 1-2	2	46,044	18	4	22	26	24,558
Dry Fork Colliery Company	Dry Fork	1	36,000		2	32	39	71,067
Elkhorn Coal & Coke Company	Elkhorn						110	210,588
Empire Coal & Coke Company, The	Empire						167	272,410
Elk Ridge Coal & Coke Company	Elk Ridge						70	102,708
Eureka Coal & Coke Company	Eureka						85	145,263
Excelsior Pocahontas Coal Company	Excelsior	5	124,544	67	10	77		
Extra Pocahontas Coal Company	Extra Pocahontas						15	34,821
Evans Coal Company	Evans						30	14,150
Flanagan Coal Company	Flanagan No. 1	1	20,371	12	2	14		
Flanagan Coal Company	Flanagan No 2						25	43.064
Flat Top Coal Mining Company	Thomas						45	62 433
Fortune Hunter Coal Company	Fortune Hunter						10	26,890
Gilliam Coal & Coke Company	Gilliam	1	25,714	28	4	32	70	102,861
Greenbrier Coal & Coke Company	Greenbrier						65	137,770
Hemphill Colliery Company	Hemphill	3					10	18,402
Henrietta Pocahontas Coal Company	Henrietta						20	17,610
Houston Coal & Coke Company	Nos. 1-2						140	276,752
Houston Collieries Company	Carswell	2	21,263	6	4	10	6	26,039
Houston Collieries Company	Hugar	4	140,812	66	8	74		
Indian Ridge Coal & Coke Company	Indian Ridge	5	50,314	35	6	41	40	50,316
J. B. B. Coal Company	Nos. 1-2-3-4	20	91,937	8	20	28	274	322,408
Johns Branch Coal Company	No. 1						17	32,014
Lake Superior Coal Company	Lake Superior No. 1	3	128,215	75	6	81		
Lake Superior Coal Company	Lake Superior No. 2	3	53,562	35	6	41		
Lathrop Coal Company	Lathrop	3	143,528	58	6	64		
Lone Jack Coal Mining Company	Lone Jack						21	12,180
Lynchburg Coal & Coke Company	Lynchburg						115	182,579
Keystone Coal & Coke Company	Keystone						200	292,675
King Coal Company, The	King						163	279,526
Kimball-Pocahontas Coal Company	Virginia	1	915	10	2	12	8	35,260
McDowell Coal & Coke Company	McDowell	1	35,115	15	2	17	95	201,648
Mohawk Coal & Coke Company	Mohawk	7	75,881	40	14	54		
New Pocahontas Coal Company	New Pocahontas						25	26,049
New River & Pocahontas Cons. C. Co	Berwind No. 1	4	43,929	29	6	35	23	46,375
New River & Pocahontas Cons. C. Co	Berwind No. 2	4	53,522	24	5	29	34	44,642
New River & Pocahontas Cons. C. Co	Berwind No. 3	4	65,744	36	6	42	21	39,319
New River & Pocahontas Cons. C. Co	Berwind No. 4	3	69,075	36	4	40	15	16,180
New River & Pocahontas Cons. C. Co	Berwind No. 5	5	84,902	48	6	54	25	13,825
New River & Pocahontas Cons. C. Co	Havaco	5	70,527	70	10	80		
Oregon Coal Company	Nos. 2-3-4	9	51,740	16	14	30	21	17,270
Page Coal & Coke Company	Page Nos. 1-2-3	5	62,944	35	6	41	108	188,832
Panther Coal Company	Panther	2			6	6	40	68,587
Peerless Coal & Coke Company	Peerless						125	216,832
Pocahontas Consolidated Coll. Co., Inc	Angle	2	154,495	125	4	129		
Pocahontas Consolidated Coll. Co., Inc	Cherokee	3	137,400	125	6	131		
Pocahontas Consolidated Coll. Co., Inc	Delta	3	142,870	130	6	136		

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining 2240 lbs.
McDOWELL COUNTY—Continued								
Pocahontas Consolidated Coll Co., Inc.	Lick Branch	3	168,000	135	6	141		
Pocahontas Consolidated Coll. Co., Inc.	Norfolk	2	105,600	80	4	84		
Pocahontas Consolidated Coll. Co., Inc.	Rolfe	4	228,110	150	8	158		
Pocahontas Consolidated Coll. Co., Inc.	Shamokin	3	183,220	140	6	146		
Pocahontas Consolidated Coll Co., Inc.	Pocahontas No. 6	4	184,630	140	8	148		
Pocahontas Consolidated Coll Co., Inc.	Pocahontas No. 7	3	57,520	125	6	131		
Pocahontas Consolidated Coll Co., Inc.	Pocahontas No. 8	3	103,610	90	6	96		
Pocahontas Domestic Coal Company	Scorpion	1	20,458	28	2	30	18	48,021
Pocahontas Smokeless Coal Company	Slick Rock						35	32,986
Powhatan Coal & Coke Company	East & West	4	74,951	41	8	49	98	100,000
Premier-Pocahontas Collieries Company	Nos. 1-2-3-4						252	331,679
Pulaski Iron Company	Pulaski 1-2-3	3	84,389	24	6	30	98	254,685
Roanoke Coal & Coke Company	Roanoke	1		8	2	10	59	105,736
Solvay Collieries Company	Big Sandy	1	7,459		2	2	49	95,417
Solvay Collieries Company	Marytown	2	5,044	6	4	10	106	160,694
Shawnee Coal & Col Company	Shawnee						70	109,186
Standard-Pocahontas Coal Company	Standard Poca	4	108,586	45	6	51		
Superior Pocahontas Coal Company	Blackstone						28	44,487
Superior Pocahontas Coal Company	Cletus	1	51,396	52	8	60		
Superior Pocahontas Coal Company	Davy-Crockett						46	51,608
Superior Pocahontas Coal Company	Helena						65	71,570
Tidewater Coal & Coke Company	Tidewater						134	181,017
Turkey Gap Coal & Coke Company	Turkey Gap						69	140,196
United States Coal & Coke Company	No. 2	6	98,329	55	6	61	61	111,671
United States Coal & Coke Company	No. 3	6	58,004	42	6	48	12	8,189
United States Coal & Coke Company	No. 4	10	112,631	73	8	81	29	43,465
United States Coal & Coke Company	No. 5	⅜ 5	103,696	55	4	59	16	27,183
United States Coal & Coke Company	No. 6	10	195,986	96	10	106	51	108,543
United States Coal & Coke Company	No. 7	7	143,378	99	6	105	45	79,117
United States Coal & Coke Company	No. 9	14	127,281	52	8	60	56	137,656
United States Coal & Coke Company	No. 10	10	127,709	90	8	98		
United States Coal & Coke Company	No. 11	13	135,653	94	10	104		
Upland Coal & Coke Company	Upland No. 1	1					130	213,924
War Creek Coal Company	No. 1						22	39,319
Welch Coal & Coke Company	Welch	4	16,130	15	3	18	30	24,194
West Virginia Pocahontas Coal Company	Nos. 1-2	2	88,506	25	2	27	45	119,900
Yukon Pocahontas Coal Company	No. 1	3		64	8	72		166,058
Zenith Coal & Coke Company	Zenith Nos. 1-2	5	64,451	49	10	59	37	70,051
Totals		298	5,546,200	3,631	436	4,072	4,524	7,461,474

MERCER COUNTY								
Algonquin Coal Company	Algonquin	2	6,270	18	2	20		2,004
American Coal Company	Crane Creek	5	163,604	24	12	36	98	70,114
American Coal Company	Piedmont	7	114,957	65	15	80		
American Coal Company	Pinnacle	5	65,434	21	12	33	93	152,653
Booth-Bowen Coal & Coke Company	Booth-Bowen	1	11,632		2	2	78	160,333
Buckeye Coal & Coke Company	Buckeye						90	136,931
Crystal Coal & Coke Company	Nos. 1-2						39	172,853
Ennis Coal Company	Hiawatha	3	80,753	52	6	58	20	40,371
Godfrey Coal Company	Godfrey						16	28,491
Louisville Coal & Coke Company	Louisville Nos. 1-2, Klondyke No. 3 & Goodwill	2	2,575	8	4	12	80	123,557
Mill Creek Coal & Coke Company	Mill Creek & Coaldale	2		20	4	24	83	253,615
Modoc Coal Mining Company	Modoc	1	5,410	12	2	14	18	12,160
Patterson-Pocahontas Coal Co., S. J	Arista Nos. 1-2	2	9,024	23	4	27	8	2,499
Pocahontas Cons. Collieries Co., Ltd	Caswell Creek	1	113,190	60	4	64	85	110,000
Pocahontas Cons. Collieries Co., Ltd	Sagamore Nos. 1-2	6	160,130	140	12	152		
Pocahontas Cons. Collieries Co., Ltd	West						15	52,000
Pawama Coal & Coke Company	Pawama	2	44,731	22	2	24	24	46,201
Smokeless Coal & Coke Company	Smokeless	2	35,958	25	4	29	5	6,300
Solvay Collieries Company	Spring Colliery	2	90,659	47	8	55	28	42,159
Thomas Coal Company, The	No. 1						100	106,444
Thomas Coal Company, The	No. 2	1		2	2	4	54	73,719
Turkey Gap Coal & Coke Company	Winonah	6	96,839	78	8	86	6	
Weyanoke Coal & Coke Company, The	Weyanoke & Elihu	4	104,119	89	8	97	17	19,766
Totals		54	1,105,285	706	111	807	1,017	1,612,225
MINERAL COUNTY								
Abrams Creek Coal Company	Oakmont No. 1	5	13,936	50	5	55	50	18,488
Big Vein Coal Company of West Virginia	Bakerstown						32	21,992
Carroll Cross Coal Company	Cross & Imperial						42	39,245
Davis Coal & Coke Company, The	No. 6						40	42,907
Davis Coal & Coke Company, The	No. 14						80	85,790
Davis Coal & Coke Company, The	No. 19 Montgomery Run						64	32,258
Davis Coal & Coke Company, The	No. 20						55	37,956
Davis Coal & Coke Company, The	No. 50						48	14,819
Davis Coal & Coke Company, The	No. 51						78	32,008
Glade Run Coal & Coke Company	Florence						20	6,167
Gleason Coal & Coke Company	Gleason	3	87,442	70	4	74	6	6,000
Grafton Mining Company	Blaine						19	25,148
Harris & Sons, O. D. Coal Company	Harris No. 2						6	1,599
Masteller Coal Company, The	Hampshire 1-2-3						64	53,344
Masteller Coal Company, The	New Creek						46	37,251
Totals		8	101,378	120	9	129	650	454,972

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machines Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining
MINGO COUNTY								
Buffalo Collieries Company	Buffalo	4	131,069	52	14	66		
Crystal Block Coal & Coke Company	Winifrede & Coalburg	4	108,000	45	6	51		
Glen Alum Coal Company	Nos. 1-2-3	6	209,533	66	6	72		
Glen Alum Coal Company	No. 4	3	122,168	60	6	66		
Grey Eagle Coal Company	Grey Eagle	2	58,396	25	6	31		
Howard Junior Coal Company	Howard Junior	12	93,742	32	24	56		
Howard Colliery Company	Frederick	8	66,035	21	16	37		
Howard Colliery Company	Howard Colliery	9	87,087	26	18	44		
Magnolia Coal & Coke Company	Magnolia	10	48,881	17	12	29		
Margaret Mining Company	Margaret	6	52,532	19	6	25		
Mary Helen Coal Company	Mary Helen	4	104,920	50	8	58		
Naugatuck Coal Company, The	Naugatuck	2	68,723	39	4	43	8	17,180
Red Jacket, Jr. Coal Company	Red Jacket, Jr.	7	214,293	72	12	84		
Red Jacket Cons. Coal & Coke Co., Inc.	Grapevine	2	14,633	60	4	64		63,643
Red Jacket Cons. Coal & Coke Co., Inc.	Mitchell Branch & Rutherford	12	269,589	100	16	116		
Red Jacket Cons. Coal & Coke Co., Inc.	Red Jacket	2			4	4	24	30,323
Sternberger Coal Company, E. L.	Sternberger	10	73,146	34	10	44		
Stone Mountain Coal Corporation	Marvin	1	36,502	40	6	46		
Superior Thacker Coal & Coke Company	Williamson No. 1	1	3,882	10	2	12		
Sycamore Coal Company	Cinderella	6	159,473	78	14	92		
Thacker Coal & Coke Company	Nos. 3-8-9	11	113,438	39	22	61		2,567
Thacker Coal & Coke Company	No. 10						3	2,144
Thacker Coal & Coke Company	Nos. 11-12-13-14	12	84,522	46	14	60	10	2,178
War Eagle Coal Company	Mephisto	6	65,502	6	6	6		
War Eagle Coal Company	Pappoose	10	71,894		5	5		
White Star Mining Company, The	Alma & White Star	3	67,757	70	8	78		
Williamson Coal & Coke Company	Nos. 5-6-7	6	92,459	70	10	80		
Totals		159	2,418,176	1,077	259	1,336	45	119,998
MONONGALIA COUNTY								
Antler Coal Company	Grant		723				23	37,534
Consolidation Coal Company, The	No. 30						36	21,771
Elkins Coal & Coke Company	No. 1						80	50,886
Elkins Coal & Coke Company	No. 5	4	102,642	56	7	63	24	43,989
Great Scott Coal & Coke Company, The	Great Scott						6	10,517

Lehigh Coal Company, The	No. 1	2	12,000	20	2	22		
North American Coal Company	Maidsville No. 1						8	14,600
Southern Connellsville Coke Company	Marion						20	25,285
Totals		6	115,365	76	9	85	197	204,582
NICHOLAS COUNTY								
Coalbell CoalCompany	Trees No. 1-2	4	46,179	30	8	38		
Pardee & Curtin Lbr. Company	Panther Creek & Camp No. 21						8	7,688
Saxman Coal & Coke Company	Saxman Nos. 1-2-3	2	2,089	2	2	4	52	66,308
Totals		6	48,268	32	10	42	60	73,996
OHIO COUNTY								
Creighton, W. F	Creighton	1	3,965					
Elm Grove Coal Company, The	Elm Grove	3	31,496	37	4	41	2	1,078
Richland Coal Company	Richland	13	437,012	284	34	318	10	16,224
Storch & Sons, Peter	Storch	1	6,800	5	2	7		
Whitaker Glessner Company	Carter	2	43,758	39	6	45		
Totals		20	523,031	365	46	411	12	17,302
PRESTON COUNTY								
Austen Coal & Coke Company	Austen No. 1	4	5,987	6	8	14	80	52,244
Austen Coal & Coke Company	Austen No. 2	2	154	2		2	18	8,344
Borgman Coal Company	No. 1						40	61,500
Elkins Coal & Coke Company	No. 2						152	201,403
Elkins Coal & Coke Company	No. 4	3	14,087	25	4	29	20	11,269
Elkins Coal & Coke Company	No. 6						131	188,878
Gorman Coal & Coke Company	Nos. 2-3	2	4,270	10		10	9	8,542
Hiorra Coke Company	Vulcan No. 1	6	14,240		12	12	30	28,482
Irona Coal Company	Nos. 1-2						38	66,187
Kendall Lumber Company	Arnold Run No. 1						7	10,564
Late, Gordon B	Late No. 1						25	18,920
Merchants Coal Company	Tunnelton	7	30,329	90	12	102	15	5,141
Preston Coal Company	Preston No. 1						187	51,308
Preston County Coke Company	Cascade Nos. 1-2-3-4-5						49	48,419
Somerset Smokeless Coal Company	Tunnelton	7	84,762					15,015
Virginia-Maryland Coal Corporation	Scotch Hill	6	21,287	18		18	28	23,580
Wills, John	Wills No. 4						16	5,410
Totals		37	175,116	151	36	187	845	805,206
PUTNAM COUNTY								
Black Betsey Coal & Mining Company	No. 3						175	166,453
Otto Marmet Coal & Mining Company	Big Otto						236	163,679
Plymouth Coal & Mining Company	Plymouth						241	148,912
Totals							652	479,045

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2210 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining
RALEIGH COUNTY								
Bailey Wood Coal Company	Bailey-Wood						55	84,010
Beckley Coal & Coke Company	Beckley	2	7,089	5	5	10	75	75,645
Blue Jay Lumber Company	Blue Jay No. 4						5	4,414
City Coal Company	Comb's Lease							7,390
Clear Fork Coal Company	Leevale	2	69,170	60	4	64		
Cranberry Fuel Company	Cranberry	4	34,410	37	8	45	61	67,003
Cranberry Fuel Company	Sprague	1	14,851	14	2	16	62	78,557
Receivers Four States Coal & Coke Company	Dorothy	8	180,961	106	12	118	52	103,412
Receivers Four States Coal & Coke Company	Sarita	8	203,831	100	12	112	35	60,360
Gulf Coal Company	Nos. 1-2-3	2	54,537	26	4	30	20	59,125
Gulf Smokeless Coal Company	Tams Nos. 1-2-3						149	281,674
Lanark Coal Company	Lanark No. 4						35	33,072
Lilly Mining Company	Whorley Nos. 1-2						20	22,363
Lynwin Coal Company	Lynwin	2	56,477	35	4	39	10	14,118
MacAlpin Coal Company	MacAlpin	9	164,287	85	18	103	20	35,241
Mabscott Coal & Coke Company	Mabscott						85	78,751
Marsh Fork Coal Company	Marsh Fork	5	104,885	94	10	104		
McKee Coal & Coke Company	Graham Nos. 1-2	2	8,120	10	4	14	15	6,102
McKee Coal & Coke Company	Oswald Nos. 1-2-3-4	8	34,181	26	4	30	55	48,744
McKee Coal & Coke Company	Tamroy	6	23,704	20	10	30	24	43,933
New River Collieries Company	Eccles No. 3	3	103,959	45	6	5	48	93,586
New River Collieries Company	Eccles No. 5	4	79,597	46	8	54	65	61,792
New River Collieries Company	Eccles No. 6						33	48,596
Pemberton Coal & Coke Company	Affinity	4	71,671	35	6	41		
Pemberton Coal & Coke Company	Bigstick						48	170,518
Pemberton Fuel Company	Pemberton Fuel						45	54,345
Piney Mining Company	Nos. 1-2	2	25,595	18	4	22	94	120,229
Piney Mining Company	No 3						42	44 324
Piney Mining Company	No. 4						70	92,641
Raleigh Coal & Coke Company	No. 3	4	40,800	16	8	24	73	138,359
Raleigh Coal & Coke Company	Nos. 1-2-4	2	19,337	6	4	10	46	49,044
Raleigh Coal & Coke Company	No. 5						16	15,817
Raleigh Coal & Coke Company	No. 6	8	79,206	28	8	36	86	124,431
Royal Coal Company	Royal						41	25,657
Slab Fork Coal Company	Nos. 2-3-5-6-7	8	39,225	18	6	24	182	235,350
Stonewall Coal & Coke Company	No. 3						4	1,231

Stonewall Coal & Coke Company	Terry Nos. 2-3-4						52	54,657
Sullivan Coal & Coke Company	Sullivan						91	105,162
West Virginia Coal Mining Company, The	Ragland						24	20,025
White Coal Company, E. E	Glen White No. 1-2	6	90,588	35	6	41	64	181,178
White Coal Company, E. E	Stotesbury Nos. 1-3-5-6-7	9	195,249	54	24	78	35	48,813
Winding Gulf Colliery Company	Nos. 1 & 3	7	186,610	121	14	135		
Winding Gulf Colliery Ccmpany	No. 2	3	182,904	89	6	95		
Wood Peck Coal Company	Wood Peck						25	28,084
Wright Coal & Coke Company	Wright No. 1						51	32,308
Wright Coal & Coke Company	Wright No. 2						48	36,262
Totals		119	2,071,244	1,129	197	1,326	2,061	2,886,323
RANDOLPH COUNTY								
Brady Coal Company	Klondyke						18	11.360
Davis Coal & Coke Company, The	Weaver No. 1						29	55,426
Davis Coal & Coke Company, The	Weaver No. 2						83	89,733
Davis Colliery Company	Coalton	5	119,972	94	12	106	10	41,546
Davis Colliery Company	Coaling Station						9	15,408
Davis Colliery Company	Harding	4	75,696	46	4	50	22	34,743
Davis Colliery Company	Sivad						26	23,275
Green, W. H	Williette						20	25,000
Jenkins Coal & Coke Company, J. B	Ariana						40	34,535
West Virginia Pulp & Paper Company	Hopkins						12	23,415
Totals		9	195,668	140	16	156	269	354,440
TAYLOR COUNTY								
Estate of T. B. Davis	T. B. Davis						30	27,053
Delmar Coal Company	Barry						14	9,032
Grafton Coal & Coke Company	Sandlick No. 1						10	25,454
Grafton Coal & Coke Company	Sandlick No. 2						35	27,682
Harrison Coal Company	Harrison						25	25,415
Maryland Coal Company of West Virginia	Wendle Nos. 1-2	21	407,785	372	42	414	28	42,856
McGraw Coal Company	New York No. 1	6	37,145	20	3	23	5	19,256
Pittsvein Coal Company	Flemington No. 4	5	79,985	57	8	65	18	27,652
Rosemont Coal Company	Rosemont	4	59,328	68	8	76	99	109,378
Sterling Coal Company, Ltd	Cecil	2	4,374	15	4	19		
Winona Coal & Coke Company	Winona	3	44,419	27	6	33		
Totals		41	633,036	559	71	630	264	313,778
TUCKER COUNTY								
Cooper, J. Calvin	Cooper						8	12,239
Cumberland Coal Company	Douglas No. 1						77	87,029
Cumberland Coal Company	Douglas No. 3						39	51,079
Cumberland Coal Company	Douglas No. 6						5	6,291
Davis Coal & Coke Company, The	No. 23		12,635				121	157,885
Davis Coal & Coke Company, The	No. 24						38	65,267
Davis Coal & Coke Company, The	No. 25		1,503				42	61,234

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Number of Mining Machines	Tons of Coal Produced by Mining Machines 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. of Men Employed Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining
TUCKER COUNTY—Continued								
Davis Coal & Coke Company, The	No. 26						51	55,246
Davis Coal & Coke Company, The	No. 34						46	34,799
Davis Coal & Coke Company, The	No. 35						16	27,029
Davis Coal & Coke Company, The	No. 36						99	148,446
Davis Coal & Coke Company, The	No. 37						80	111,906
Davis Coal & Coke Company, The	No. 38						130	203,175
Davis Coal & Coke Company, The	No. 39						120	169,106
Davis Coal & Coke Company, The	No. 40						120	182,847
Davis Coal & Coke Company, The	No. 41						32	41,477
Davis Coal & Coke Company, The	No. 43						34	24,559
Totals			14,138				1,058	1,439,614
UPSHUR COUNTY								
Buckhannon River Coal & Coke Company	Florence No. 2	2	45,622	20	4	24		
Red Rock Fuel Company	Red Rock	7	52,882	50	12	62		
Totals		9	98,504	70	16	86		
WAYNE COUNTY								
East Lynn Coal Company	East Lynn	4	51,458		8	8		
Totals		4	51,458		8	8		
WYOMING COUNTY								
Mead-Pocahontas Coal Company	Mead-Pocahontas	1	12,500	5	4	9	25	37,217
Mullens Smokeless Coal Company	Mullens Smokeless						6	1,250
Trace Fork Coal Company	Trace Fork No. 7	1	7,392	14	1	15		
Virginia Smokeless Fuel Company	Virginian Smokeless						10	1,182
Wyoming Coal Company	Wyoming Nos. 1-2-3-4	3	36,625	27	4	31		
Totals		5	56,517	46	9	45	41	39,649

STATEMENT SHOWING NUMBER OF MINES USING MACCHINES, NUMBER OF MACHINES IN USE, TONNAGE PRODUCED BY MACHINES, NUMBER OF MACHINE MINERS, RUNNERS AND HELPERS, TOTAL NUMBER OF MACHINE EMPLOYEES, NUMBER OF PICK MINERS AND TONNAGE PRODUCED BY PICK MINERS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COUNTY	Number of Mines Using Machines	Number of Mine Machines in Use	Coal Produced by Machines Tons of 2240 lbs.	Number of Machine Miners	Number of Machine Runners and Helpers	Total No. Number Machine Employees	Number of Pick Miners	Coal Produced by Pick Mining Tons of 2240 lbs.
Barbour	8	43	546,827	287	66	353	403	415,401
Boone	9	34	575,835	390	55	445	....	....
Braxton	4	10	144,626	61	18	79	65	149,580
Brooke	6	36	630,791	572	64	636	103	96,535
Clay	2	10	503,091	220	22	242	20	28,554
Fayette	86	354	4,067,917	3,516	627	4,143	3,905	3,813,955
Gilmer	2	9	137,321	55	18	83	10	650
Grant	1	4	91,545	69	10	79	62	73,576
Greenbrier	....	....	....	....	....	....	17	24,128
Harrison	59	313	3,302,194	2,382	524	2,906	944	1,230,038
Kanawha	88	368	4,177,141	3,460	610	4,070	896	965,445
Lewis	....	....	....	....	....	....	8	300
Lincoln	....	8	41,966	30	14	44	....	....
Logan	76	267	6,098,817	3,283	463	3,746	192	208,469
Marion	20	287	3,845,571	2,069	494	2,563	1,449	2,143,308
Marshall	6	38	956,070	755	82	837	8	7,103
Mason	3	10	120,595	119	22	141	....	4,540
McDowell	82	298	5,546,200	3,631	436	4,072	4,524	7,461,474
Mercer	24	54	1,105,285	706	111	807	1,017	1,612,225
Mineral	2	8	101,378	120	9	129	650	454,972
Mingo	38	159	2,418,176	1,077	259	1,336	45	119,998
Monongalia	2	6	115,365	76	9	85	197	204,582
Nicholas	5	6	48,268	32	10	42	60	73,996
Ohio	5	20	523,031	365	46	411	12	17,302
Preston	9	37	175,116	151	36	187	845	805,206
Putnam	....	....	....	....	....	....	652	479,045
Raleigh	44	119	2,071.244	1,129	197	1,326	2,061	2,886,323
Randolph	2	9	195,668	140	16	156	269	354,440
Taylor	7	41	633,036	559	71	630	264	313,778
Tucker	....	....	14,138	....	....	....	1,058	1,439,614
Upshur	2	9	98,504	70	16	86	....	....
Wayne	1	4	51,458	....	8	8	....	....
Wyoming	6	5	56,517	46	9	45	41	39,649
Small Country Mines	....	....	....	....	....	....	....	300,000
Totals	599	2,566	38,393,691	25,370	4,322	29,692	19,777	25,724,986

A COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, BY COUNTIES, 1915.

COUNTY	Pick Mined Coal	Machine Mined Coal	Total Production
Barbour	415,401	546,827	962,228
Boone	....	575,835	575,835
Braxton	149,580	144,626	294,206
Brooke	96,535	630,791	727,326
Clay	28,554	503,091	531,645
Fayette	3,813,955	4,067,917	7,881,872
Gilmer	650	137,321	137,971
Grant	73,576	91,545	165,121
Greenbrier	24,128	....	24,128
Harrison	1,230,038	3,302,194	4,533,032
Kanawha	965,445	4,177,141	5,142,586
Lewis	300	....	300
Lincoln	....	41,966	41,966
Logan	208,469	6,098,817	6,307,286
Marion	2,143,308	3,845,571	5,988,879
Marshall	7,103	956,070	963,173
Mason	4,540	120,595	125,135
McDowell	7,461,474	1,546,200	13,007,674
Mercer	1,612,225	1,105,285	2,717,510
Mineral	454,972	101,378	556,350
Mingo	119,998	2,418,176	2,538,174
Monongalia	204,582	115,365	319,947
Nicholas	73,996	48,268	122,264
Ohio	17,302	523,031	540,333
Preston	805,206	175,116	980,322
Putnam	479,045	....	479,045
Raleigh	2,886,323	2,071,244	4,957,567
Randolph	354,440	195,668	550,108
Small Country Mines	300,000	....	300,000
Taylor	313,778	633,036	946,814
Tucker	1,439,614	14 138	1,453,752
Upshur	....	98,504	98,504
Wayne	....	51,458	51,458
Wyoming	39,649	56,517	96,166
Grand Totals	25,724,986	38,393,691	64,118,677

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
BARBOUR COUNTY																			
Boat Run Coal Company	Boat Run No. 1																1	1	8,200
Century Coal Company, The	Century No. 1	9	7															16	42,620
Century Coal Company, The	Century No. 2		4															4	240,368
Consolidation Coal Company	Consolidation No. 37	14														1		15	138,678
Grafton Fuel Company	Lillian					2												2	42,133
Humphreys Coal Company	Humphreys	2																2	44,958
Sandridge Coal Company, Lee J	Meriden Nos. 1-2	1	1	1														3	29,870
Totals		26	12	1		2										1	1	43	546,827
BOONE COUNTY																			
Anchor Coal Company	Anchor			4														4	125,707
Big Eagle Mining Company	Big Eagle	1																1	5,507
Coal River Company	Coal River	6																6	77,341
Hickory Ash Coal Company	Hickory Ash	4																4	50,430
Horse Creek Block Coal Company	Opal No. 1		2															2	26,183
Peytona Block Coal Company	Peytona Block		3	2														5	35,445
Seng Creek Coal Company	Seng Creek		1															1	87,172
Spruce River Coal Company, The	Ramage No. 2	1		4														5	67,810
Webb Coal Mining Company	Ferndale		5	1														6	100,240
Totals		12	11	11														34	575,835
BRAXTON COUNTY																			
Copen Creek Coal Company	Van With		2															2	20,000
Davis Colliery Company	No. 10	4			4													8	124,626
Totals		4	2		4													10	144,626

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
BROOKE COUNTY																			
Clifton Coal Company	Clifton No. 1	7																7	93,256
La Belle Iron Works	La Belle Shaft	3																3	115,839
Richland Block Coal Company	Beech Bottom	2	3	2														7	133,691
West Virginia-Pittsburg Coal Company	Locust Grove No. 1	10																10	165,399
West Virginia-Pittsburg Coal Company	Gilchrist No. 3	2		1														3	43,035
West Virginia-Pittsburg Coal Company	La Belle No. 4	6																6	79,571
Totals		30	3	3														36	630,791
CLAY COUNTY																			
Elliott Splint Coal Company	York No. 1	2																2	67,179
Elk River Coal & Lumber Company	Rich Run				8													8	435,912
Totals		2			8													10	503,091
FAYETTE COUNTY																			
G. M. Blume Estate	Fayette	3																3	5,000
Babcock Coal & Coke Company	Nos. 3 & 4	1																1	12,602
Boomer Coal & Coke Company	No. 2 North	10																10	190,654
Boomer Coal & Coke Company	No. 2 South	6																6	136,265
Boomer Coal & Coke Company	No. 4	7																7	126,012
Boomer Coal & Coke Company	No. 5	4																4	99,052
Blume Coal & Coke Company	Blume	2	4															6	54,525
Branch Coal & Coke Company	Elverton	6																6	20,644
Brown Coal Company	Brown	5			1													6	27,807
Cannelton Coal & Coke Company	No. 2	10			1													11	289,878
Cannelton Coal & Coke Company	No. 3	1																1	21,634
Cannelton Coal & Coke Company	No. 4	4																4	94,972
Collins Colliery Company	Collins		1	1	1													3	21,967
Columbus Iron & Steel Company	No. 1	2	6															8	111,151

Christian Colliery Company	Christian No. 1		5															5	55,100
Christian Colliery Company	Powelton		2															2	14,300
Dietz Colliery Company	No. 2 Gas			2	1													3	5,480
Elmo Mining Company, The	Elmo	3			1													4	13,205
Ephriam Creek Coal & Coke Company	Buffalo & Slater	1			4													5	22,419
Evans & Sons	Great Kanawha Colliery		No	t rep	orte	d												1	Not reported
Ft. Defiance Coal & Coke Company	Ft. Defiance		1														5	6	43,721
Gauley Mountain Coal Co , The	Buck Run				3		1											4	36,409
Gauley Mountain Coal Company, The	Turkey Creek & Nova Scotia						6										15	21	48,839
Gaymont Coal Company	Gaymont	1																1	Not reported
Greenwood Coal Company	Greenwood	1																1	2,623
Harvey Coal & Coke Company	Harvey		7	1														8	83,032
Hemlock Hollow Coal & Coke Company	Hemlock	3																3	13,772
Johnson Coal Company, W. R.	Oakland			1														1	13,363
Keeney's Creek Colliery Company	Boone				2													2	13,523
Keeney's Creek Colliery Company	Smokeless		2	2														4	43,420
Laurel Creek Coal Company	Laurel		1															1	849
Lookout Coal & Coke Company	Lookout	3			1													4	36,239
Loup Creek Colliery Company	Loup Creek No. 2	3							7									10	33,497
Lowmoor Iron Company of Virginia	Kaymoor No. 1		1		1												1	3	11,135
Lowmoor Iron Company of Virginia	Kaymoor No. 2		1		1													2	4,721
Lynchburg Colliery Company	No. 2 Gas		1		1													2	9,365
M. B. Coal Company	Elk Ridge No. 1		4															4	58,371
M. B. Coal Company	Elk Ridge No. 2	4																4	72,037
M. B. Coal Company	Kimberley	3	1															4	28,620
M. B. Coal Company	Columbia No. 5	2																2	28,568
MacDonald Colliery Company	MacDonald		1															1	3,223
McKell Coal & Coke Company	Derryhale	1																1	2,534
McKell Coal & Coke Company	Kilsyth	2	3	1			3											9	93,712
Midvale Colliery Company	Midvale			3	1													4	52,701
Milburn Coal Company	Milburn No. 1	1	2															3	150,295
Mill Creek Colliery Company	Mill Creek																12	12	17,883
Mt. Carbon Company, The	Vulcan	4																4	18,425
New River Colliery Company	Sun Nos. 1-2				7													7	85,617
New River & Pocahontas Consolidated Coal Company	Minden No. 2	3																3	72,050
New River & Pocahontas Consolidated Coal Company	Minden No. 3	5		1														6	100,438
New River & Pocahontas Consolidated Coal Company	Minden No. 4	7																7	117,210
New River & Pocahontas Consolidated Coal Company	Minden No. 5				6													6	89,631
New River & Pocahontas Consolidated Coal Company	Weirwood	1	1		1													3	19,383
Nichol Colliery Company	Glen Jean	1	2				1											4	32,648
Nuttallburg Smokeless Fuel Company	Nuttallburg	3		1	2													6	29,147
New River Company	Prudence & Lyman Nos. 1-2-3																	1	18,298
Quinnimont Coal Company	Big "Q"		1															1	4,275
River Valley Colliery Company	Bachman	2			1													3	21,347
Rock Lick Coal Company	Concho & Erskine No. 2		1															1	98,358
Rothwell Coal Company	Dubree				2													2	21,959
Scotia Coal & Coke Company	Brooklyn				3													3	13,660
Sewell Colliery Company	Sugar Camp	2	1															3	13,617
Solvay Collieries Company	No. 1 Eagle No. 2 Powellton		4															4	62,692
Solvay Collieries Company	Kingston Nos. 1-2-3-4-5	2	6															8	290,374

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
FAYETTE COUNTY—Continued																			
South Side Company	South Side	1	2															3	18,968
Star Coal & Coke Company, The	Star	3																3	53,308
St. Clair Colliery Company	St. Clair & Archie	5																5	80,168
Stuart Colliery Company	Lochgelly	1	2	3														6	70,579
Stuart Colliery Company	Summerlee		5	2														7	73,078
Sunday Creek Coal Company	No. 111			6														6	64,903
Sunday Creek Coal Company	No. 112	2		7														9	124,066
Sunday Creek Coal Company	No. 114	2		10														12	110,442
Sunday Creek Coal Company	No. 116			3														3	3,448
White Oak Fuel Company	Carlisle		1															1	35,739
White Oak Fuel Company	Scarbro & Wingrove	2	7	2														11	64,394
White Oak Fuel Company	Whipple		1	2														3	34,611
Totals		135	77	49	41		11		7								33	354	4,067,917
GILMER COUNTY																			
Gilmer Fuel Company	Gilmer														1		6	7	90,354
McCaa Coal Company	McCaa	1			1													2	46,967
Totals		1			1										1		6	9	137,321
GRANT COUNTY																			
The Davis Coal & Coke Company	No. 22	1		3														4	91,545
Totals		1		3														4	91,545
HARRISON COUNTY																			
Byron Coal Company	Althea	1			1													2	66,855
Calif Coal Company	Calif	2																2	16,363
Central Fairmont Coal Company	Snake Hill	1		1														2	88,692

Clarksburg Coal Mining Company	Florida														5		4	9	5,812
Consolidation Coal Company, The	No. 21	13																13	137,718
Consolidation Coal Company, The	No. 23	4																4	9,263
Consolidation Coal Company, The	No. 25	9																9	156,853
Consolidation Coal Company, The	No. 27	5																5	38,704
Consolidation Coal Company, The	No. 29	6																6	71,080
Consolidation Coal Company, The	No. 32	10																10	236,953
Consolidation Coal Company, The	No. 33	3																3	7,411
Consolidation Coal Company, The	No. 35	4							2									6	11,477
Consolidation Coal Company, The	No. 39	4						1										5	37.567
Consolidation Coal Company, The	No. 40	11																11	120,551
Consolidation Coal Company, The	No. 42	6																6	23,465
Consolidation Coal Company, The	No. 44	3																3	9,099
Consolidation Coal Company, The	No. 48	5																5	44,471
Consolidation Coal Company, The	No. 50	7																7	22,551
Consolidation Coal Company, The	No. 51	10																10	112,696
Consolidation Coal Company, The	No. 52													10		2		12	23,287
Consolidation Coal Company, The	No. 54	7																7	56,824
Consolidation Coal Company, The	No. 55	3	3															6	44,364
Consolidation Coal Company, The	No. 58	3																3	9.072
Consolidation Coal Company, The	No 60	2																2	5,663
Consolidation Coal Company, The	No. 62	5																5	35,467
Consolidation Coal Company, The	No. 64															9		9	12.938
Consolidation Coal Company, The	No. 65	5																5	19,555
Consolidation Coal Company, The	No. 66	5																5	66,636
Corona Coal & Coke Company	Harold		2															2	29,181
Fairmont & Baltimore Coal & Coke Company	Fairmore	1																1	36,814
Fairmont & Clarksburg Coal Company	Phoenix														3	3		6	10,080
Francois Coal & Coke Company	Norwood			2														2	43,655
Harry B. Coal & Coke Company	Pitcairn	4																4	119,695
Haywood Coal Mining Company	Buena Vista	4																4	49,467
Hutchinson Coal Company	Delta														4			4	47,926
Hutchinson Coal Company	Erie		1	4														5	183,821
Hutchinson Coal Company	Florence	4																4	74.227
Hutchinson Coal Company	Girard														6		3	9	46,426
Hutchinson Coal Company	Hutchinson		1	4											4		1	10	225,994
Hutchinson Coal Company	McCandlish		8															8	188,434
Klinfelter, J. H.	Page		1															1	14,540
Lambert Run Coal Company	Clauson	4																4	58,348
Maderia-Hill Clark Coal Company	Randolph		6														9	15	119 610
Marshall Coal Company	Marshall														3		13	16	118.979
Marion Gas Coal Company	Bingamon	1			5													6	40.765
Orr Coal Mining Company	Miller		2															2	49,283
Orr Coal Mining Company	Miller No. 2		2															2	49,283
Orr-Shields Coal Company	Phoenix															3	3	6	16,246
Overholt Coal Company	Overholt	1																1	15,182
Rosebud Fuel Company	Rosebud No. 1															1		1	291
Rosebud Fuel Company	Rosebud No. 2													2		3		5	39,554
Taylor Collieries Company	Taylor No. 1		1	4														5	55,239

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES								COMPRESSED AIR MACHINES								Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
HARRISON COUNTY—Continued																			
Virginia-Maryland Coal Corporation	Willard Nos. 1-2-3																16	16	145,224
Winchester Coal Company	Winchester			2														2	32,633
Totals		153	27	17	6			1	2				2	10	22	24	49	313	3,302,194
KANAWHA COUNTY																			
Belmont Coal Company	Belmont		6		1													7	72,120
Black Band Fuel Company	No. 1				3													3	60,832
Black Band Fuel Company	No. 2		2															2	38,965
Blue Creek Coal & Land Company	Blakeley No. 2		5															5	35,149
Blue Creek Coal & Land Company	Blakeley No. 3		3															3	21,509
Blue Creek Coal & Land Company	Blakeley No. 5		1															1	7,240
Cabin Creek Consolidated Coal Company	Acme		2															2	26,366
Cabin Creek Consolidated Coal Company	Belleclare		3															3	15,017
Cabin Creek Consolidated Coal Company	Black Tulip	3	4															7	62,112
Cabin Creek Consolidated Coal Company	Buckeye	3	3															6	51,945
Cabin Creek Consolidated Coal Company	Caledonia	1	2															3	14,489
Cabin Creek Consolidated Coal Company	Cherokee	5																5	34,371
Cabin Creek Consolidated Coal Company	Davis	4	1															5	31,875
Cabin Creek Consolidated Coal Company	Empire	1	3															4	38,381
Cabin Creek Consolidated Coal Company	Holly				1	4												5	26,105
Cabin Creek Consolidated Coal Company	Kayford		2															2	24,644
Cabin Creek Consolidated Coal Company	Raccoon No. 1	3	6															9	92,815
Cabin Creek Consolidated Coal Company	Quarrier															1	4	5	18,965
Cabin Creek Consolidated Coal Company	Raccoon No. 2 East		2	1														3	66,226
Cabin Creek Consolidated Coal Company	Raccoon No. 2 West	1	3															4	47,217
Cabin Creek Consolidated Coal CoNpany	Red Warrior	1	1															2	12,850
abin Creek Consolidated Coal Company	Rose	1	4															5	67,161
Cabin Creek Consolidated Coal Company	Ruby		3															3	67,134
abin Creek Consolidated Coal Company	Shamrock	1	6		1													8	129,610

Cabin Creek Consolidated Coal Company	Thistle	1																1	3,331
Cabin Creek Consolidated Coal Company	United Gas		1															1	384
Cabin Creek Consolidated Coal Company	United Splint	1	4															5	69,739
Campbells Creek Coal Company	No. 1	10		1														11	245,974
Campbells Creek Coal Company	No. 3	5																5	95,828
Cannelton Coal & Coke Company	No. 1	8																8	225,823
Carbon Coal Company	Eagle		3															3	30,580
Carbon Coal Company	Splint		5															5	65,560
Carbon Coal Company	South		3															3	23,515
Chesapeake Mining Company	Nos. 1 & 2		7															7	59,987
Coalburg Colliery Company	Ronda		4															4	88,522
Coalburg-Kanawha Coal Company	A			2														2	35,848
Coalburg-Kanawha Coal Company	B	1		1	1													3	60,833
Dry Branch Coal Company	Dry Branch		6															6	74,100
Eureka Coal Company	Eureka Nos. 1, 3 & 4	3																3	28,628
Eureka Coal Company	Eureka No. 6	3																3	23,185
Imperial Colliery Company	No. 1			3														3	76,100
Imperial Colliery Company	No. 3		4															4	56,000
Imperial Colliery Company	No. 4		2															2	17,350
Kanawha River Coal Company	No. 2 Gas	1																1	2,877
Kelley's Creek Colliery Company	No. 1	2	3	1														6	93,940
Kelley's Creek Colliery No. 2	Nos. 3 & 3½	7																7	129,841
Lewis Coal & Coke Company	Lewis	1	4															5	20,118
Marmet Coal Company, The	Black Band	3	1	1	1													6	55,235
Marmet Coal Company, The	Monarch	12																12	34,928
Marmet Coal Company, The	New Butler	4	2															6	35,091
Montgomery Coal Company	Kanawha	1	2															3	10,271
Morris Fork Coal Company	Turner No. 2		4															4	55,266
National Bituminous Coal & Coke Company	No. 1	2	2															4	33,455
National Bituminous Coal & Coke Company	No. 2	2	3															5	92,547
Paint Creek Colliery Company	Banner	4																4	18,317
Paint Creek Colliery Company	Grose		4															4	48,550
Paint Creek Colliery Company	Paint Creek		9															9	108,008
Paint Creek Colliery Company	Reynolds	3	2															5	48,908
Paint Creek Colliery Company	Mucklow	5																5	58,178
Paint Creek Colliery Company	Wacomah	3																3	33,254
Quincy Coal Company	Quincy No. 1		1															1	5,336
Quincy Coal Company	Quincy No. 2		5															5	41,200
Republic Coal Company	No. 1		4															4	14,390
Republic Coal Company	No. 2		1															1	Not reported
Republic Coal Company	No. 3		3															3	13,688
Republic Coal Company	No. 5	1	2															3	18,717
Standard Kanawha Coal Mining Company	Kanawha		8	1														9	72,160
Standard Splint & Gas Coal Company	Standard	3			2													5	43,751
Southwestern Splint Fuel Company	Black Cat	3																3	55,267
Sunday Creek Coal Company	No. 101			2														2	23,047
Sunday Creek Coal Company	No. 104	5																5	34,055
Sunday Creek Coal Company	No. 105	8																8	102,583
Sunday Creek Coal Company	No. 108	6																6	62,824
Virginia Coal Company	Virginia			3														3	27,250

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
KANAWHA COUNTY—Continued																			
Wake Forest Mining Company	Wake Forest		3															3	64,175
West Virginia Colliery Company	No. 1		2															2	25,080
West Virginia Colliery Company	No. 3		4															4	103,652
West Virginia Colliery Company	No. 4		3															3	49,947
Winifrede Coal Company	North, South & West	3	10		2													15	57,669
Wyatt Coal Company	Berlin		4		1													5	30,430
Wyatt Coal Company	North & South Horton		2		2													4	70,110
Wyatt Coal Company	Oakley				4													4	38,640
Totals		131	188	21	19	4										1	4	368	4,177,141
LINCOLN COUNTY																			
Branchland Coal Company	Branchland											6						6	30,901
Branchland Coal Company	Guyan River											2						2	11,065
Totals												8						8	41,966
LOGAN COUNTY																			
Amherst Coal Company	Nos 1 & 2			4														4	124,577
Aracoma Coal Company	Aracoma Nos. 1-2	5			1													6	141,964
Argyle Coal Company	Argyle			2														2	60,462
Avon Coal Company, The	Avon			5														5	90,430
Bengal Coal Company	Bengal	1		2														3	22,417
Buffalo Eagle Colliery Company	Buffalo Eagle			1														1	50,763
Buffalo Eagle Colliery Company	Buffalo Eagle No. 2			1														1	25,811
Coal River Coal & Coke Company	Dobra	2			2													4	136,057
Cora Coal & Coke Company	Cora	4																4	82,271
Coal Valley Mining Company	Sylvia	2		1														3	114,690
Crown Coal & Coke Company	Crown			2	1													3	45,072
Cub Fork Coal Company	Cub Fork		2															2	45,758

Draper Coal & Coke Company	Draper	1	4															5	22,165
Eagle Island Coal Company	Eagle Island	1		1	1													3	35,749
Ethel Coal Company, The	Nos. 1 & 2	2		5														7	157,420
Ft. Branch Coal Corporation	Ft. Branch		1	2														3	51,444
Frieze Fork Coal Mining Company	Frieze Fork			2														2	31,152
Gay Coal & Coke Company	Gay	3		2														5	130,461
Georges Creek Coal Company	Georges Creek	1																1	64,295
Guyandotte Coal Company	Guyandotte				1												4	5	31,396
Huddleston Coal & Coke Company	Huddleston			1														1	60,000
Island Creek Colliery Company	Switzer	1			3													4	142,000
Johnson Coal Mining Company, E. R	Nos. 1 & 2	2		1														3	22,445
Kohinoor Coal & Coke Company	Kohinoor	3																3	108,798
Lincoln Coal Mining Corporation	Lincoln	2			1													3	4,674
Litz-Smith Coal Company	Litz-Smith			1														1	10,506
Logan Coal Company, The	Logan	3		1														4	109,198
Logan Coal Company, The	Earling	4		1														5	111,527
Logan Coal Mining Company, The	Manitoba			4														4	75,430
Logan Coal Mining Company, The	Mona			4														4	62,231
Logan Coal Mining Company, The	Wanda	2		2														4	78,471
Long Flame Coal Company	Long Flame		2															2	62,710
Lorain Coal & Dock Company	Lorando	2																2	16,500
Main Island Creek Coal Company	Nos. 2 & 3		1	2														3	50,014
Main Island Creek Coal Company	No. 4	1			5													6	255,343
Main Island Creek Coal Company	Nos. 5 & 6	1			5													6	108,653
Maher-Pursglove Mining Company	No. 5			3														3	13,460
Manbor Coal Company	Manbar	1		1														2	22,185
Mifflin Coal Company	No. 1 & 2		7		3													10	66,955
Monitor Coal & Coke Company	Monitor Nos. 1 & 2 Beechwood	1	1	11														13	268,432
McGregor Coal Company	McGregor				7													7	167,967
Opperman Coal Company	No. 2 Gas	4																4	48,893
Paragon Colliery Company	Paragon		4															4	86,680
Rex Coal & Coke Company	Rex	5																5	112,370
Rich Creek Coal Company	Wilburn	2																2	44,528
Ruffner Coal Compay	Ruffner	1																1	2,738
Shamrock Coal Company	Litz & Smith																	4	62,249
Spruce Bend Coal Company	Sharples		4	1														5	49,470
Spruce Valley Coal Company	Spruce Valley		3															3	77,281
Stone Branch Coal Company	Stone Branch	5	2															7	49,197
Sovereign Coal Company	Sovereign		1	2														3	48,371
Sunbeam Coal Company	Sunbeam			2														2	29,681
Summers Coal Company, H. B	Crown	1																1	37,000
Thomas Coal Company, D. C	Grace	2																2	73,678
U. S. Coal & Oil Company	Island Creek No. 1	9																9	380,974
U. S. Coal & Oil Company	Island Creek No. 2	8																8	182,556
U. S. Coal & Oil Company	Island Creek No. 3	5		1														6	178,937
U. S. Coal & Oil Company	Island Creek No. 4	5		1														6	215,940
U. S. Coal & Oil Company	Island Creek No. 6	6																6	177,947
U. S. Coal & Oil Company	Island Creek No. 7	5																5	272,029
U. S. Coal & Oil Company	Island Creek No. 8	5																5	255,084
U. S. Coal & Oil Company	Island Creek No. 10	3																3	128,329

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
LOGAN COUNTY—Continued																			
U. S. Coal & Oil Company	Island Creek No 11	2																2	27,577
U. S. Coal & Oil Company	Island Creek No. 12	2																2	23,578
Virginia-Buffalo Coal Company	Virginia-Buffalo		2															2	35,826
Wilson Coal Company, H. T., The	Wilson		6															6	94,952
Yuma Coal & Coke Company, The	Yuma			5														5	118,093
Totals		119	42	73	29												4	267	6,098,817
MARION COUNTY																			
Consolidation Coal Company, The	No. 22		8															8	241,398
Consolidation Coal Company, The	No. 24	9																9	57,863
Consolidation Coal Company, The	No. 26	15																15	180,162
Consolidation Coal Company, The	No. 28	8																8	20,160
Consolidation Coal Company, The	No. 36	4																4	27,745
Consolidation Coal Company, The	No. 38	8																8	60,601
Consolidation Coal Company, The	No. 43		11															11	168,578
Consolidation Coal Company, The	No. 45																		1,063
Consolidation Coal Company, The	No. 47	6																6	129,314
Consolidation Coal Company, The	No. 53		4															4	36,615
Consolidation Coal Company, The	No. 56	8																8	23,119
Consolidation Coal Company, The	No. 63		14															14	150,809
Consolidation Coal Company, The	No. 84	11																11	174,896
Dakota Coal & Coke Company	Dakota No. 2														1	1		2	171,000
Fairmont & Cleveland Coal Company	Parker Run			6														6	78,849
Federal Coal & Coke Company	Federal			2	25											3	5	35	640,406
Receivers Four States Coal & Coke Company	Annabelle										4	6	21		1	2	3	37	338,523
Jamison Coal & Coke Company	Jamison No. 7										2				21			23	440,944
Jamison Coal & Coke Company	Jamison No. 8				26													27	338,012
Jamison Coal & Coke Company	Jamison No. 9														28		4	32	406,911
New Central Coal Company	Stafford										6					8	5	19	158,603
Totals		70	37	8	51						12	6	21		51	14	17	287	3,845,571

MARSHALL COUNTY																			
Ben Franklin Coal Company of West Virginia	Panama			4														4	83,934
Glendale Coal Company	Glendale	5																5	128,288
Hitchman Coal & Coke Company	Hitchman	14																14	498,021
Mound Coal Company	Mound	4																4	90,230
Mound City Coal Company	Mound City																		14,059
Parrs Run Coal Company	Parrs Run	5																5	50,137
Wheeling Steel & Iron Company	Benwood	4		2														6	91,401
Totals		32		6														38	956,070
MASON COUNTY																			
Hutchinson Coal Company	Linden	1		4														5	83,152
Jackson Coal & Mining Company	Jackson	3																3	24,898
Newton, J. M. & D. E. Company	Sliding Hill	2																2	12,545
Totals		6		4														10	120,595
McDOWELL COUNTY																			
Algoma Coal & Coke Company	Piney & Northfork		1								2							3	57,123
Ashland Coal & Coke Company	Ashland	4														6		10	95,433
Bottom Creek Coal & Coke Company	Bottom Creek No. 1	1	3															4	57,691
Bottom Creek Coal & Coke Company	Bottom Creek No. 2	2			1													3	58,785
Black Wolf Coal & Coke Company	Black Wolf			3														3	49,475
Carter Coal Company	Caretta			7														7	183,537
Carter Coal Company	Nora	4																4	88,165
Carter Coal Company	Olga					5												5	43,313
Carter Coal Company	Six			9														9	248,006
Cirrus Coal & Coke Company	Cirrus Nos. 1 & 2	2																2	23,910
Crozer Coal & Coke Company	Crozer Nos. 1 & 2				2													2	49,672
Davy-Pocahontas Coal Company	Nos. 1, 7 & 2			2														2	46,044
Dry Fork Colliery Company	Dry Fork	1																1	36,000
Excelsior Pocahontas Coal Company	Excelsior			1	4													5	124,544
Flannagan Coal Company	No. 1	1																1	20,371
Gilliam Coal Company	Gilliam	1																1	25,714
Houston Collieries Company	Carswell	1	1															2	21,263
Houston Collieries Company	Huger	2			2													4	40,812
Hemphill Colliery Company	Hemphill																3	3	No report
Indian Ridge Coal & Coke Company	Indian Ridge	1	4															5	50,314
J. B. B. Coal Company	Nos. 1-2-3 & 4	1	2						17									20	91,937
Kimball-Pocahontas Coal Company	Virginia	1																1	915
Lake Superior Coal Company	No. 1		3															3	128,215
Lake Superior Coal Company	No. 2		1	2														8	53,562
Lathrop Coal Company	Lathrop			3														3	143,528
McDowell Coal & Coke Company	McDowell	1																1	35,115
Mohawk Coal & Coke Company	Mohawk															2	5	7	75,881
New River Pocahontas Consolidated Coal Company	Berwind No. 1	3			1													4	43,929
New River Pocahontas Consolidated Coal Company	Berwind No. 2	3			1													4	53,522
New River Pocahontas Consolidated Coal Company	Berwind No. 3	2			2													4	65,744
New River Pocahontas Consolidated Coal Company	Berwind No. 4				3													3	69,075

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Electrical Machines									Compressed air Machines							Number of Machines in Use	Tons of CoalProduced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
McDOWELL COUNTY—Continued																			
New River Pocahontas Consolidated Coal Company	Berwind No. 5				5													5	84,902
New River Pocahontas Consolidated Coal Company	Havaco				5													5	70,527
Oregon Coal Company, The	Oregon 2-3-4															2	7	9	51,740
Page Coal & Coke Company	Nos. 1-2-3				3	2												5	62,944
Panther Coal Company	Panther	2																	No report
Pocahontas Consolidated Colliery Company, Inc	Angle	2																2	154,495
Pocahontas Consoliated Colliery Company, Inc	Cherokee	3																3	137,400
Pocahontas Consolidated Colliery Company, Inc	Delta	3																3	142,870
Pocahontas Consolidated Colliry Company, Inc	Lick Branch	3																3	168,000
Pocahontas Consolidated Colliery Company, Inc	Norfolk	2																2	105,600
Pocahontas Consolidated Colliery Company, Inc	Rolfe	4																4	228,110
Pocahontas Consolidated Colliery Company, Inc	Shamokin	3																3	183,220
Pocahontas Consolidated Colliery Company, Inc	Pocahontas No. 6	4																4	184,630
Pocahontas Consolidate Colliery Company, Inc	Pocahontas No. 7	3																3	57,520
Pocahontas Consolidated Colliery Company, Inc	Pocahontas No. 8	3																3	108,610
Pocahontas Domestic Coal Company	Scorpion			1														1	20,458
Powhatan Coal & Coke Company	East & West	1			3													4	74,951
Pulaski Iron Company	Pulaski Nos. 1-2-3				3													3	84,389
Roanoke Coal & Coke Company	Roanoke				1														No report
Solvay Colliery Company	Big Sandy	1																1	7,459
Solvay Colliery Company	Marytown	2																2	5,044
Standard Pocahontas Coal Company	Standard				4													4	108,586
Superior Pocahontas Ccal Company	Cletus				1													1	51,396
U. S. Coal & Coke Company	No. 2	6																6	98,329
U. S. Coal & Coke Company	No. 3	2			4													6	58,004
U. S. Coal & Col Company	No. 4				10													10	112,631
U. S. Coal & Coke Company	No. 5				5													5	103,696
U S. Coal & Coke Company	No. 6				10													10	195,986
U. S. Coal & Coke Company	No. 7				7													7	143,378
U. S. Coal & Coke Company	No. 9				14													14	127,281

McDOWELL COUNTY—Continued																			
U. S. Coal & Coke Company	No. 10				10													10	127,709
U. S. Coal & Coke Company	No. 11				13													13	135,653
Upland Coal & Coke Company	Upland No. 1		1															1	No report
Welch Coal & Coke Company	McDowell																4	4	16,130
West Virginia-Pocahontas Coal Company	Nos. 1-2	2																2	88,506
Yukon Pocahontas Coal Company	No. 1			1	2													3	No report
Zenith Coal & Coke Company	Nos. 1-2	1	4															5	64,451
Totals		78	20	29	116	7			17		2					10	19	298	5,546,200
MERCER COUNTY																			
Algonquin Coal Company	Algonquin		1		1													2	6,270
American Coal Company	Crane Creek				5													5	163,604
American Coal Company	Piedmont	1		1	5													7	114,957
American Coal Company	Pinnacle				5													5	65,434
Booth-Bowen Coal & Coke Company	Booth-Bowen		1															1	11,632
Ennis Coal Company	Hiawatha				3													3	80,753
Louisville Coal & Coke Company	Louisville Nos. 1-2, Klondyke No. 3 & Goodwill		2															2	2,575
Mill Creek Coal & Coke Comapny	Milburn & Coaldale	2																2	Not reported
Modoc Coal Mining Company	Modoc				1													1	5,410
S. J. Patterson-Pocahontas Company	Arista Nos. 1-2	2																2	9,024
Pocahontas Consolidated Colliery Company, Inc	Caswell Creek	1																1	113,190
Pocahontas Consolidated Colliery Company, Inc	Sagamore Nos. 1-2	6																6	160,130
Pawama Coal & Coke Company, Inc	Pawama				2													2	44,731
Smokeless Coal & Coke Company	Smokeless	2																2	35,958
Solvay Collieries Company	Spring				2													2	90,659
Thomas Coal Company, The	No. 2		1															1	Not reported
Turkey Gap Coal & Coke Company	Wenonah		2		4													6	96,839
Weyanoke Coal & Coke Company, The	Weyanoke No. 1 Elihu No. 2	4																4	104,119
Totals		18	7	1	28													54	1,105,285
MINERAL COUNTY																			
Abrams Creek Coal & Coke Company	Oakmont No.1	5																5	13,936
Gleason Coal & Coke Company	Gleason	1	2															3	87,442
Totals		6	2															8	101,378
MINGO COUNTY																			
Buffalo Collieries Company	Buffalo	2		2														4	131,069
Crystal Block Coal & Coke Company	Winifrede & Coalburg		1		3													4	108,000
Glen Alum Coal Company	Nos. 1-2-3		3	3														6	209,533
Glen Alum Coal Company	No. 4		3															3	122,168
Grey Eagle Coal Company	Grey Eagle			2														2	58,396
Howard Junior Coal Company	Howard Junior														1	3	8	11	93,742
Howard Colliery Company	Frederick															2	6	8	66,035
Howard Colliery Company	Howard															1	8	9	87,087
Magnolia Coal & Coke Company	Magnolia														1		9	10	48,881

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
MINGO COUNTY—Continued																			
Margaret Mining Company	Margaret															2	4	6	52,532
Mary Helen Coal Company	Mary Helen			4														4	104,920
Naugatuck Coal Company	Naugatuck												2					2	68,723
Red Jacket Jr. Coal Company	Red Jacket	3			4													7	214,293
Red Jacket Jr. Coal Company	Grapevine	2																2	14,633
Red Jacket Jr. Coal Company	Mitchell Branch & Rutherford	8			4													12	269,589
Red Jacket Consolidated Coal & Coke Company	Red Jacket	2																2	Not reported
Sternberger, E. L., Coal Company	Sternberger											10						10	73,146
Stone Mountain Coal Corporation	Marvin			1														1	36,502
Superior Thacker Coal & Coke Company	Williamson No. 1		1															1	3,882
Sycamore Coal Company	Cinderella	2			4													6	159,473
Thacker Coal & Coke Company	Nos. 3, 8 & 9	11																11	113,438
Thacker Coal & Coke Company	Nos 11-12-13-14	7	1										4					12	84,522
War Eagle Coal Company	Pappoose															10		10	71,694
War Eagle Coal Company	Mephisto														6			6	65,502
White Star Mining Company, The	Alma & White Star	3																3	67,757
Williamson Coal & Coke Company	Nos. 5-6-7	6																6	92,459
Totals		46	9	12	15							10	6		8	18	35	159	2,418,176
MONONGALIA COUNTY																			
Elkins Coal & Coke Company	No. 5	4																4	102,642
Lehigh Coal Company, The	Lehigh No. 1		2															2	12,000
Consolidation Coal Company, The	No. 30																		723
Totals		4	2															6	115,365
NICHOLAS COUNTY																			
Coal Bell Company	Trees Nos. 1-2		3	1														4	46,179
Saxman Coal & Coke Company	Nos 1-2-3	1			1													2	2,089
Totals		1	3	1	1													6	48,268

OHIO COUNTY																			
Creighton W F	Creighton			1														1	3,965
Elm Grove Coal Company	Elm Grove	3																3	31,496
Richland Coal Company	Richland	12		1														13	437,012
Peter Storch & Sons	Storch		1															1	6,800
Whitaker Glessner Company	Carter		2															2	43,758
Totals		15	3	2														20	523,031
PRESTON COUNTY																			
Austin Coal & Coke Company	Austin Nos. 1-2			4														4	5,987
Austin Coal & Coke Company	Austin No. 2			2														2	154
Elkins Coal & Coke Company	No. 4				3													3	14,087
Gorman Coal & Coke Company	Nos. 2-3				2													2	4,270
Hiorra Coke Company	Vulcan No 1																6	6	14,240
Merchants Coal Company of Penna	Tunnelton		7															7	30,329
Somerset Smokeless Coal Company	Tunnelton		7															7	84,762
Virginia-Maryland Coal Corporation	Scotch Hill																6	6	21,287
Totals			14	6	5												12	37	175,116
RALEIGH COUNTY																			
Clear Fork Coal Company	Leeville				2													2	69,170
Cranberry Fuel Company	Cranberry		4															4	34,410
Cranberry Fuel Company	Sprague		1															1	14,851
Receivers Four States Coal & Coke Company	Dorothy	8																8	180,961
Receivers Four States Coal & Coke Company	Sarita	8																8	203,831
Gulf Coal Company	Nos 1-2-3	2																2	54,537
Lynwin Coal Company	Lynwin	2																2	56,477
MacAlpin Coal Company	MacAlpin		1		8													9	164,287
Marsh Fork Coal Company	Marsh Fork		4		1													5	104,885
McKell Coal & Coke Company	Graham Nos. 1-2		2															2	8,120
McKell Coal & Coke Company	Oswald 1-2-3-4	2	6															8	34,181
McKell Coal & Coke Company	Tamroy		5				1											6	23,704
New River Company, The	Beckley		2															2	7,089
New River Colliery Company	Eccles No. 3	3																3	103.959
New River Colliery Company	Eccles No. 5	4																4	79,597
Pemberton Coal & Coke Company	Affinity	1			3													4	71,671
Piney Mining Company	Nos. 1-2	1	1															2	25,595
Raleigh Coal & Coke Company	Nos. 1-2 & 4	2																2	19,337
Raleigh Coal & Coke Company	No. 3	4																4	40,800
Raleigh Coal & Coke Company	No 6	8																8	79,206
Slab Fork Coal Company	Slab Fork		6	2														8	39,225
E. E. White Coal Company	Glen White		2		3				1									6	90.588
E. E. White Coal Company	Stotesbury Nos. 1-3-5-6-7		2	2	5													9	195,249
Winding Gulf Colliery Company	Nos. 1 & 3	1			6													7	186,610
Winding Gulf Colliery Company	No. 2			3														3	182,904
Totals		46	36	7	28		1		1									119	2,071,244

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE DIFFERENT MINES IN THE STATE FOR THE YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
RANDOLPH COUNTY																			
Davis Colliery Company	Coalton	1			4													5	119,972
Davis Colliery Company	Harding				4													4	75,696
Totals		1			8													9	195,668
TAYLOR COUNTY																			
Maryland Coal Company of West Virginia	Wendel Nos. 1-2			21														21	407,785
McGraw Coal Company	New York	3							3									6	37,145
Pittsvein Coal Company	No. 4		5															5	79,985
Rosemont Coal Company	Rosemont	1			3													4	59,328
Sterling Coal Company	Cecil	1	1															2	4,374
Winona Coal & Coke Company	Winona	2			1													3	44,419
Totals		7	6	21	4				3									41	633,036
TUCKER COUNTY																			
Davis Coal & Coke Company	No. 23	(Machines not reported)																	12.635
Davis Coal & Coke Company	No. 25	(Machines not reported)																	1,503
Totals																			14,138
UPSHUR COUNTY																			
Buckhannon River Coal & Coke Company	Florence No. 2				2													2	45 622
Red Rock Fuel Company	Red Rock		4		3													7	52,882
Totals			4		5													9	98,504

WAYNE COI NTY																		
East Lynn Coal Company	East Lynn		4														4	51,458
Totals			4														4	51,458
WYOMING COUNTY																		
Mead Pocahontas Coal Company	Tralee				1												1	12,500
Trace Fork Coal Company	Trace Fork No. 7	1															1	7.392
Wyoming Coal Company	Wyoming Nos. 1-2-3-4	2			1												3	36,625
Totals		3			2												5	56,517

MINING MACHINES IN USE IN WEST VIRGINIA DURING THE YEAR ENDING JUNE 30, 1915, BY COUNTIES.

NAME OF COUNTY	ELECTRICAL MACHINES									COMPRESSED AIR MACHINES							Number of Machines in Use	Tons of Coa. Produced by Machines (Tons of 2240 lbs.)
	Jeffrey	Morgan-Gardner	Goodman	Su.livan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Jeffrey	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
Barbour	26	12	1		2										1	1	43	546,827
Boone	12	11	11														34	575,835
Braxton	4	2		4													16	144,626
Brooke	30		3	3													36	630,791
Clay	2			8													10	503,091
Fayette	135	77	49	41		11		7								33	354	4,067,917
Gilmer	1			1										1		6	9	137,321
Grant	1		3														4	91,545
Harrison	153	27	17	6			1	2				2	10	22	24	49	313	3,302,194
Kanawha	131	188	21	19											1	5	368	4,177,141
Lincoln											8						8	41,966
Logan	119	42	73	29												4	267	6,098,817
Marion	70	37	8	51						12	6	21		51	14	17	287	3,845,571
Marshall	32		6														38	956,070
Mason	6		4														10	120,595
McDowell	78	20	29	116	7			17	2						10	19	298	5,546,200
Mercer	18	7	1	28													54	1,105,285
Mineral	6	2															8	101,378
Mingo	46	9	12	15								10	6	8	18	35	159	2,418,176
Monongalia	4	2															6	115,365
Nicholas	1	3	1	1													6	48,268
Ohio	15	3	2														20	523,031
Preston		14	6	5												12	37	175,116
Raleigh	46	36	7	28		1		1									119	2,071,244
Randolph	1			8													9	195,668
Taylor	7	6	21	4				3									41	633,036
Tucker																		14,138
Upshur		4			5												9	98,504
Wayne		4															4	51,458
Wyoming	3			2													5	56,517
Totals	947	506	275	369	18	12	1	30	2	12	14	33	16	82	68	181	2,566	38,393,691

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
BARBOUR COUNTY					
Boat Run Coal Co	No. 1		1		
Century Coal Co., The	No. 1		4		
Century Coal Co., The	No. 2		1		
Consolidation Coal Co., The	No. 37		4		
Davis Coal & Coke Co	Dartmoor No. 4		4		
Gage Coal & Coke Co	Sara		1		
Grafton Fuel Co	Lillian				1
Humphreys Coal Co	Humphreys		2		
Lee J. Sandridge Coal Co	Meriden Nos. 1-2		2		
Totals			19		1
BOONE COUNTY					
Anchor Coal Co	Anchor		4		
Coal River Co., The	Coal River		3		
Hickory Ash Coal Co., The	Hickory Ash		3		
Horse Creek Block Coal Co	Opal No. 1		1		
Seng Creek Coal Co	Seng Creek		4		
Spruce River Coal Co., The	Ramage No. 2		2		
Webb Coal Mining Co	Ferndale		2		
Totals			19		
BRAXTON COUNTY					
Copen Creek Coal Co	Van With		1		
Davis Colliery Co., The	No. 10		3		
Davis Colliery Co., The	No. 11		1		
Totals			5		
BROOKE COUNTY					
Clifton Coal Co	No. 1		4		
La Belle Iron Works	La Belle Shaft		4		
Richland Block Coal Co	Beech Bottom		5		
West Virginia-Pittsburg Coal Co	Locust Grove No. 1		5		
West Virginia-Pittsburg Coal Co	Gilchrist No. 3		1		
West Virginia-Pittsburg Coal Co	La Belle No. 4		2		
Totals			21		
CLAY COUNTY					
Elk River Coal & Lumber Co	Rich Run		8		
Totals			8		
FAYETTE COUNTY					
Aileen Coal Co	Aileen		1		
Ajax Coal Co	Ajax		1		
Babcock Coal & Coke Co	Nos. 3-4		1		
Ballinger Coal Co	No. 1	1			
Beechwood Coal & Coke Co	Beechwood	1			
Beury Brothers Coal & Coke Co	Echo	1			
Boomer Coal & Coke Co	No. 2 North		3		
Boomer Coal & Coke Co	No. 2 South		2		
Boomer Coal & Coke Co	No. 4		3		
G M. Blume Estate	Fayette		2		
Blume Coal & Coke Co	Blume		2		
Branch Coal & Coke Co	Elverton		1		
Brown Coal Co	Brown		2		
Cannelton Coal & Coke Co	No. 2		5		
Cannelton Coal & Coke Co	No. 3		2		
Cannelton Coal & Coke Co	No. 4		3		
Collins Colliery Co	Collins		3		
Columbus Iron & Steel Co	No. 1		6		
Christian Colliery Co	No. 1		5		
Christian Colliery Co	Powelton		2		
Dunn Loop Coal & Coke Co	Dunn Loop		10		
Elmo Mining Company, The	Elmo		1		
Ephriam Creek Coal & Coke Co	Buffalo & Slater		9		
Eureka Coal Company	Eureka No. 1		1		
Export Coal Co	Export		1		
Fire Creek Coal & Coke Co	Fire Creek		3		
Fort Defiance Coal & Coke Co	Fort Defiance		1		

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
FAYETTE COUNTY—Continued					
Gauley Mountain Coal Co	Buck Run	......	3	......	......
Greenwood Coal Co	Greenwood	......	2	......	......
Evans & Sons Coal Co	Great Kanawha Collieries Co	......	1	......	......
Harvey Coal & Coke Co	Harvey	......	4	......	......
Hemlock Hollow Coal & Coke Co	Hemlock	......	6	......	......
W. R. Johnson Coal Co	Oakland	......	1	......	......
Keeneys Creek Colliery Co	Boone	......	2	......	......
Keeneys Creek Colliery Co	Smokeless	......	2	......	......
Laurel Creek Coal Co	Laurel	......	4	......	......
Long Branch Coal Co	No. 2	......	......	......	2
Loup Creek Colliery Co	No. 2	3	10	......	......
Low Moor Iron Company of Virginia	No. 1	......	4	......	......
Low Moor Iron Company of Virginia	Kaymoor No. 2	......	1	......	......
Lynchburg Colliery Co	No. 2 Gas	2	......	......	......
M. B. Coal & Coke Co	Elk Ridge No. 1	......	1	......	......
M. B. Coal & Coke Co	Kimberly No. 3	......	1	......	2
M. B. Coal & Coke Co	Columbia No. 5	......	......	......	1
MacDonald Colliery Co	MacDonald	......	2	......	......
Meadow Fork Coal Co	Meadow Fork	1	......	......	......
McKell Coal & Coke Co	Derryhale	......	2	......	......
McKell Coal & Coke Co	Kilsyth	......	6	......	......
Midvale Colliery Co	Midvale	......	......	......	1
Milburn Coal Co	No. 1	......	5	......	......
Mount Carbon Co	Vulcan	......	2	......	......
Newlyn Coal Co	Newlyn	......	1	......	......
New River Collieries Co	Nos. 1-2	......	9	......	......
New River & Pocahontas Cons. Collieries Co	Nos. 1-2-3	......	24	......	......
New River & Pocahontas Cons. Collieries Co	No. 2	......	6	......	......
New River & Pocahontas Cons. Collieries Co	No. 4	......	10	......	......
New River & Pocahontas Cons. Collieries Co	No. 5	......	8	......	......
New River & Pocahontas Cons. Collieries Co	Weirwood	......	2	......	......
Nichol Colliery Co	Nichol	......	5	......	......
Nutallburg Smokeless Fuel Co	Nutallburg	......	4	......	......
New River Co	Prudence	......	4	......	......
Quinnimont Coal Co	Big Q	......	2	......	......
Rock Lick Coal Company	Concho No. 1, Erskine No. 2	......	4	......	......
Rothwell Coal Co	Dubree	......	1	......	......
Scotia Coal & Coke Co	Brooklyn	......	5	......	......
Scotia Coal & Coke Co	Red Ash	......	1	......	......
Scotia Coal & Coke Co	Rush Run	......	2	......	......
Scotia Coal & Coke Co	Once More	......	4	......	......
Sewell Colliery Co	Sugar Camp	......	2	......	......
Solvay Collieries Co	Eagle No. 1 & Powell No. 2	......	5	......	......
Solvay Collieries Co	Kingston Nos. 1-2-3-4-5	......	12	......	......
St. Clair Colliery Co	St. Clair & Archie	......	2	......	......
Star Coal & Coke Co	Star	......	3	......	......
South Side Co	South Side	......	2	......	......
Stone Cliff Coal & Coke Co	Stone Cliff	......	3	......	......
Stuart Colliery Co	Lochgelly	......	11	......	......
Stuart Colliery Co	Summerlee	......	5	......	......
Sunday Creek Coal Co	No. 111	......	3	......	......
Sunday Creek Coal Co	No. 114	......	6	......	......
Sunday Creek Coal Co	No. 116	......	1	......	......
Turkey Knob Coal Co	Turkey Knob	......	5	......	......
White Oak Fuel Co	Carlisle	......	4	......	......
White Oak Fuel Co	Scarbro & Wingrove	......	6	......	......
White Oak Fuel Co	Whippell	......	4	......	......
Totals		9	295	......	6
GILMER COUNTY					
McCaa Coal Co	McCaa	......	1	......	......
Totals		......	1	......	......
GRANT COUNTY					
Buffalo Creek Cumberland Coal Co	Buffalo Creek	......	1	......	......
Davis Coal & Coke Co	No. 22	......	6	......	......
Totals		......	7	......	......

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
HARRISON COUNTY					
Calif Coal Co	Calif				1
Consolidation Coal Co., The	No. 21		2		
Consolidation Coal Co., The	No. 27		11		
Consolidation Coal Co., The	No. 29		1		
Consolidation Coal Co., The	No. 32		2		
Consolidation Coal Co., The	No. 33		1		
Consolidation Coal Co., The	No. 35		1		
Consolidation Coal Co., The	No. 39		1		
Consolidation Coal Co.,The	No. 40		2		
Consolidation Coal Co., The	No. 42		1		
Consolidation Coal Co., The	No. 48		1		
Consolidation Coal Co., The	No. 50		1		
Consolidation Coal Co., The	No. 51		2		
Consolidation Coal Co., The	No. 55		1		
Consolidation Coal Co., The	No. 58		1		
Consolidation Coal Co., The	No. 65		1		
Consolidation Coal Co.,The	No. 66		1		
Corona Coal & Coke Co	Harold		1		
Fairmont & Baltimore C. & C. Co	Fairmore	1			
Francois Coal & Coke Co	Norwood				2
Harry B. Coal & Coke Co	Pitcairn		1		
Haywood Coal Mining Co	Monroe				1
Hutchinson Coal Co	Erie Nos. 1-2		1		
Hutchinson Coal Co	Florence		1		
Hutchinson Coal Co	Girard Nos. 1-2		1		
Hutchinson Coal Co	Hutchinson Nos. 2-3		2		
Hutchinson Coal Co	McCandlish		2		
Lambert Run Coal Co	Clauson		1		
Maderia-Hill-Clark Coal Co	Randolph		2		
Maderia-Hill-Clark Coal Co	Waldo		1		
Marion Gas Coal Co	Bingamon		2		
Marshall Coal Co	Marshall				3
Orr Coal Mining Co	Miller		2		
Righter Coal Co	Righter				2
Rosebud Fuel Co	Rosebud No. 2		1		
Taylor Collieries Co	Taylor No. 1		1		
Virginia-Maryland Coal Corporation	Willard Nos. 1-2-3				3
Totals		1	49		12
KANAWHA COUNTY					
Belmont Coal Co	Belmont		2		
Black Band Fuel Co	No. 1		3		
Black Band Fuel Co	No. 2		3		
Blue Creek Coal & Land Co	Blakeley No. 2		1		
Blue Creek Coal & Land Co	No. 3		1		
Blue Creek Coal & Land Co	No. 5		1		
Cabin Creek Consolidated Coal Co	Acme		1		
Cabin Creek Consolidated Coal Co	Belle Clare		1		
Cabin Creek Consolidated Coal Co	Black Tulip		1		
Cabin Creek Consolidated Coal Co	Buckeye		1		
Cabin Creek Consolidated Coal Co	Cherokee		1		
Cabin Creek Consolidated Coal Co	Davis		1		
Cabin Creek Consolidated Coal Co	Empire		1		
Cabin Creek Consolidated Coal Co	Kayford		3		
Cabin Creek Consolidated Coal Co	Keystone		1		
Cabin Creek Consolidated Coal Co	Kanawha		2		
Cabin Creek Consolidated Coal Co	Raccoon No. 2 E		1		
Cabin Creek Consolidated Coal Co	Raccoon No. 2 W		2		
Cabin Creek Consolidated Coal Co	Red Warrior		1		
Cabin Creek Consolidated Coal Co	Rose		1		
Cabin Creek Consolidated Coal Co	Ruby		1		
Cabin Creek Consolidated Coal Co	Shamrock		2		
Cabin Creek Consolidated Coal Co	Thistle		1		
Cabin Creek Consolidated Coal Co	United Gas		2		
Cabin Creek Consolidated Coal Co	United Splint		1		
Chesapeake Mining Co	Chesapeake Nos. 1-2		3		
Coalburg Colliery Co	Ronda		4		
Kanawha Coal Co	A		1		
Kanawha Coal Co	B		1		
Campbell's Creek Coal Co	No. 1		6		
Campbell's Creek Coal Co	No. 3		4		
Cannelton Coal & Coke Co	No. 1		4		

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVE			
		Steam	Electric	Comp. Air	Gasoline
KANAWHA COUNTY—Continued					
Carbon Coal Co	Eagle		1		
Carbon Coal Co	Kanawha		3		
Carbon Coal Co	South Carbon		4		
Dry Branch Coal Co	Dry Branch		2		
Eureka Coal Co	Eureka Nos. 1-2-3-4		2		
Eureka Coal Co	Eureka No. 6		1		
Imperial Colliery Co	Imperial No. 1		2		
Imperial Colliery Co	Imperial No. 3		3		
Kelleys Creek Colliery Co	No. 1		3		
Kelleys Creek Colliery Co	No. 3 & 3½		4		
Lewis Coal & Coke Co	Lewis No. 2		2		
Marmet Coal Co., The	Black Band		5		
Marmet Coal Co., The	Monarch		2		
Marmet Coal Co., The	New Butler		1		
Morris Fork Coal Co	Turner		1		
National Bituminous Coal & Coke Co	No. 1		1		
National Bituminous Coal & Coke Co	No. 2		2		
Paint Creek Collieries Co	Banner		2		
Paint Creek Collieries Co	Grose		3		
Paint Creek Collieries Co	Paint Creek		7		
Paint Creek Collieries Co	Reynolds		3		
Paint Creek Collieries Co	Scranton		2		
Paint Creek Collieries Co	Wacomah		2		
Quincy Coal Co	No. 1		1		
Quincy Coal Co	No. 2		1		
Republic Coal Co	No. 1		3		
Republic Coal Co	No. 2		2		
Republic Coal Co	No 3		3		
Republic Coal Co	No. 5		3		
Standard Kanawha Coal Mining Co	Coalridge No. 1		1		
Standard Kanawha Coal Mining Co	Acme No. 2		1		
Standard Splint & Gas Coal Co	Standard		2		
Southwestern Splint Fuel Co	Black Cat		1		
Sunday Creek Coal Co	No. 101		1		
Sunday Creek Coal Co	No. 104		2		
Sunday Creek Coal Co	No. 105		6		
Sunday Creek Coal Co	No. 108		1		
Virginia Coal Co	Virginia		3		
Wake Forest Mining Co	Wake Forest		2		
West Virginia Colliery Co	No. 1		2		
West Virginia Colliery Co	No. 3		3		
West Virginia Colliery Co	No. 4		3		
Winifrede Coal Co	North, South & West		6		
Wyatt Coal Co	Berlin		2		
Wyatt Coal Co	Horton		2		
Wyatt Coal Co	Oakley		1		
Totals			169		
LOGAN COUNTY					
Amherst Coal Co	Amherst Nos. 1-2		2		
Aracoma Coal Co	Aracoma Nos. 1-2		7		
Argyle Coal Co	Argyle		1		
Avon Coal Co., The	Avon		2		
Bengal Coal Co	Logan		1		
Buffalo Eagle Colliery Co	Buffalo Eagle		1		
Buffalo Eagle Colliery Co	Buffalo Eagle No. 2		1		
Coal River Coal & Coke Co	Dobra		4		
Coal Valley Mining Co., The	Sylvia		3		
Cora Coal & Coke Co	Cora		4		
Crown Coal & Coke Co	Crown		1		
Cub Fork Coal Co	Cub Fork		1		
Draper Coal & Coke Co	Draper		2		
Eagle Island Coal Co	Kistler		2		
Ethel Coal Co., The	Ethel Nos. 1-2		2		
Fort Branch Coal Corporation	Fort Branch		1		
Frieze Fork Coal Mining Co., The	Frieze Fork		2		
Gay Coal & Coke Co	Gay		3		
George's Creek Coal Co., Inc	George's Creek		1		
Guyandotte Coal Co	Guyandotte		1		
Huddleston Coal & Coke Co	Huddleston		1		
Island Creek Colliery Co	Switzer		1		
Kohinoor Coal & Coke Co	Kohinoor		2		

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
LOGAN COUNTY—Continued					
Lincoln Coal Mining Corporation	Lincoln	......	2	......	......
Logan Coal Co., The	Logan	......	2	......	......
Logan Mining Co	Earling	......	3	......	......
Logan Mining Co	Manitoba	......	2	......	......
Logan Mining Co	Mona	......	2	......	......
Long Flame Coal Co	Long Flame	......	2	......	......
Main Island Creek Coal Co	Nos. 2-3	......	2	......	......
Main Island Creek Coal Co	Nos. 5-6	......	5	......	......
Manbar Coal Co	Manbar	......	......	......	1
Mifflin Coal Co	Mifflin Nos. 1-2	......	6	......	......
Monitor Coal & Coke Co	Monitor Nos. 1 & 3, Beechwood	......	8	......	......
McGregor Coal Co	McGregor	......	7	......	......
Opperman Coal Co	Opperman	......	1	......	......
Paragon Colliery Co	Paragon	......	1	......	......
Rex Coal & Coke Co	Rex	......	1	......	......
Rich Creek Coal Co	Wilburn	......	1	......	......
Ruffner Coal Co	Ruffner	......	1	......	......
Shamrock Coal Co	Litz & Smith	......	1	......	......
Spruce Bend Coal Co	Sharples	......	2	......	......
Spruce Valley Coal Co	Spruce Valley	......	4	......	......
Stone Branch Coal Co	Stone Branch	......	4	......	......
Sovereign Coal Co	Sovereign	......	1	......	......
Sunbeam Coal Co	Sunbeam	......	2	......	......
D. C. Thomas Coal Co	Grace	......	1	......	......
United States Coal & Oil Co	Island Creek No. 1	......	12	......	......
United States Coal & Oil Co	Island Creek No. 2	......	7	......	......
United States Coal & Oil Co	Island Creek No. 3	......	6	......	......
United States Coal & Oil Co	Island Creek No. 4	......	7	......	......
United States Coal & Oil Co	Island Creek No. 6	......	6	......	......
United States Coal & Oil Co	Island Creek No. 7	......	7	......	......
United States Coal & Oil Co	Island Creek No. 8	......	6	......	......
United States Coal & Oil Co	Island Creek No. 10	......	3	......	......
Wilson Coal Company, H. T.	Wilson	......	5	......	......
Yuma Coal & Coke Company, The	Yuma	......	5	......	......
Totals		......	171	......	1
MARION COUNTY					
Consolidation Coal Co., The	No. 22	......	4	......	......
Consolidation Coal Co., The	No. 24	......	2	......	......
Consolidation Coal Co., The	No. 26	......	5	......	......
Consolidation Coal Co., The	No. 28	......	1	......	......
Consolidation Coal Co., The	No. 36	......	2	......	......
Consolidation Coal Co., The	No. 38	......	2	......	......
Consolidation Coal Co., The	No. 43	......	6	......	......
Consolidation Coal Co., The	No. 47	......	1	......	......
Consolidation Coal Co., The	No. 53	......	2	......	......
Consolidation Coal Co., The	No. 56	......	2	......	......
Consolidation Coal Co., The	No. 59	......	1	......	......
Consolidation Coal Co., The	No. 63	......	6	......	......
Consolidation Coal Co., The	No. 68	......	......	......	1
Consolidation Coal Co, The	No. 84	......	2	......	......
Fairmont & Cleveland Coal Co	Parker Run	......	1	......	......
Federal Coal & Coke Co	Federal	......	5	10	......
Receivers of Four States Coal & Coke Co	Annabelle	......	......	17	......
Jamison Coal & Coke Co	Jamison No. 7	......	2	......	......
Jamison Coal & Coke Co	Jamison No. 8	......	3	......	......
Jamison Coal & Coke Co	Jamison No. 9	......	......	6	......
New Central Coal Co	Stafford	......	......	6	......
Virginia-Pittsburg Coal & Coke Co	Kingmont	......	3	......	......
Virginia-Pittsburg Coal & Coke Co	Morgan	......	......	......	1
Totals		......	50	39	2
MARSHALL COUNTY					
Ben Franklin Coal Company of West Virginia	Panama	......	3	......	......
Glendale Coal Co	Glendale	......	1	......	......
Hitchman Coal & Coke Co	Hitchman	......	7	......	......
Mound Coal Co	Mound	......	1	......	......
Mound City Coal Co	Mound City	......	1	......	......
Wheeling Steel & Iron Co	Benwood	......	1	......	......
Parrs Run Coal Co	Parrs Run	......	1	......	......
Totals		......	15	......	......

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

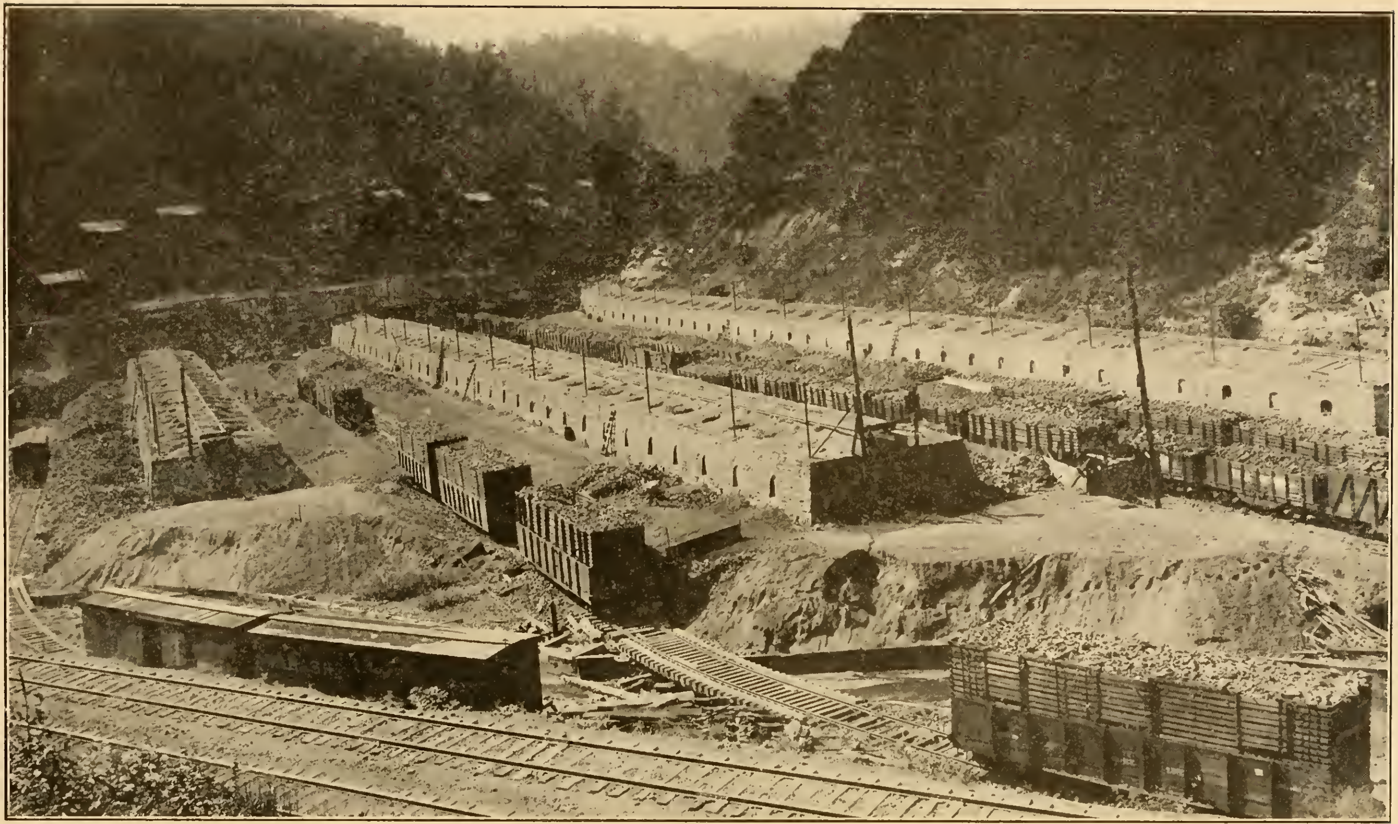
NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
MASON COUNTY					
Hutchinson Coal Co	Linden		2		
J. M. & D. E. Newton Co	Sliding Hill		1		
Totals			3		
McDOWELL COUNTY					
Arlington Coal & Coke Co	Arlington		4		
Algoma Coal & Coke Co	Algoma	1	4		
Ashland Coal & Coke Co	Ashland & Gracher		4		
Bell Coal & Mining Co., The	Vaughan		2		
Bottom Creek Coal & Coke Co	No. 1		3		
Bottom Creek Coal & Coke Co	No. 2		2		
Black Wolf Coal & Coke Co	Black Wolf		4		
Buchanan Coal Co	Buchanan				1
Carter Coal Co	Caretta		12		
Carter Coal Co	No. 1 West		2		
Carter Coal Co	No. 2 East & West		4		
Carter Coal Co	Nora		8		
Carter Coal Co	Olga		1		
Carter Coal Co	Six		13		
Cirrus Coal & Coke Co	Cirrus Nos. 1-2		3		
Colonial Pocahontas Coal Co	Colonial	1			1
Crozer Coal & Coke Co	Crozer Nos. 1-2		5		
Davy Pocahontas Coal Co.	Nos. 1-2		2		
Dry Fork Colliery Co	Dry Fork		2		
Elkhorn Coal & Coke Co	Elkhorn	2			
Empire Coal & Coke Co	Empire		3		
Elk Ridge Coal & Coke Co	Elk Ridge	2			
Eureka Coal & Coke Co	Eureka	2			
Excelsior-Pocahontas Coal Co	Excelsior		4		
Flat Top Coal Mining Co	Thomas		1		
Gilliam Coal & Coke Co	Gilliam		6		
Greenbrier Coal & Coke Co	Greenbrier		3		
Hemphill Colliery Co	Hemphill				1
Henrietta-Pocahontas Coal Co	Henrietta				1
Houston Coal & Coke Co	Nos. 1-2		3		
Houston Collieries Co	Carswell		2		
Indian Ridge Coal & Coke Co	Indian Ridge		6		
J. B. B. Coal Company	Nos. 1-2-3-4		7		
Lake Superior Coal Co	Lake Superior No. 1		7		
Lake Superior Coal Co	Lake Superior No. 2		4		
Lathrop Coal Co	Lathrop		6		
Lynchburg Coal & Coke Co	Lynchburg		2		
Keystone Coal & Coke Co	Keystone		4		
Kimball-Pocahontas Coal Co	Virginia		1		
McDowell Coal & Coke Co	McDowell		7		
Mohawk Coal & Coke Co	Mohawk			2	
New Pocahontas Coal Co	New Pocahontas		2		
New River & Pocahontas Cons. C. Co	Berwind No. 1		5		
New River & Pocahontas Cons. C. Co	Berwind No. 2		6		
New River & Pocahontas Cons. C. Co	Berwind No. 3		7		
New River & Pocahontas Cons. C. Co	Berwind No. 4		6		
New River & Pocahontas Cons. C. Co	Havaco		6		
Oregon Coal Co	Nos. 2-3-4		6		
Page Coal & Coke Co	Page 1-2-3		7		
Panther Coal Co	Panther	1	4		
Peerless Coal & Coke Co	Peerless		4		
Pocahontas Consolidated Collieries Co., Inc.	Angle		7		
Pocahontas Consolidated Colieries Co., Inc.	Cherokee		3		
Pocahontas Consolidated Collieries Co., Inc.	Delta		7		
Pocahontas Consolidated Collieries Co., Inc	Lick Branch		7		
Pocahontas Consolidated Collieries Co., Inc.	Norfolk		6		
Pocahontas Consolidated Collieries Co., Inc.	Rolfe		7		
Pocahontas Consolidated Collieries Co., Inc	Shamokin		9		
Pocahontas Consolidated Collieries Co., Inc.	Pocahontas No. 6		9		
Pocahontas Consolidated Collieries Co., Inc.	Pocahontas No. 7		5		
Pocahontas Consolidated Collieries Co., Inc.	Pocahontas No. 8		5		
Pocahontas Domestic Coal Co	Scorpion		2		
Pocahontas Smokeless Coal Co	Slick Rock		2		
Premier Pocahontas Collieries Co	Nos. 1-2-3-4		7		
Pulaski Iron Co	Pulaski Nos. 1-2-3		7		
Roanoke Coal & Coke Co	Roanoke		3		
Solvay Collieries Co	Big Sandy		6		

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
McDOWELL COUNTY—Continued					
Solvay Collieries Co	Marytown		3		
Standard Pocahontas Coal Co	Standard		3		
Superior Pocahontas Coal Co	Blackstone		1		
Superior Pocahontas Coal Co	Cletus		3		
Superior Pocahontas Coal Co	Davy Crockett		1		
Superior Pocahontas Coal Co	Helena		1		
Tidewater Coal & Coke Co	Tidewater		4		
Turkey Gap Coal Co	Turkey Gap	1			
United States Coal & Coke Co	No. 2		4		
United States Coal & Coke Co	No. 3		3		
United States Coal & Coke Co	No. 4		3		
United States Coal & Coke Co	No. 5		1		
United States Coal & Coke Co	No. 6		4		
United States Coal & Coke Co	No. 7		3		
United States Coal & Coke Co	No. 9		11		
United States Coal & Coke Co	No. 10		4		
United States Coal & Coke Co	No. 11		4		
Upland Coal & Coke Co	Upland No. 1		3		
Welch Coal & Coke Co	Welch		2		
West Virginia Pocahontas Coal Co	West Virginia		2		
Yukon Pocahontas Coal Co	No. 1		4		
Zenith Coal & Coke Co	Zenith Nos. 1-2		6		
Totals		10	356	2	4
MERCER COUNTY					
Algonquin Coal Co	Algonquin		1		
American Coal Co	Crane Creek		2		
American Coal Co	Piedmont		2		
American Coal Co	Pinnacle		3		
Booth-Bowen Coal & Coke Co	Booth-Bowen	3			
Buckeye Coal & Coke Co	Buckeye	3			
Crystal Coal & Coke Co	Nos 1-2		3		
Ennis Coal Co	Hiawatha		3		
Louisville Coal & Coke Co	Louisville Nos. 1-2, Klondike No. 3 & Goodwill		4		
Mill Creek Coal & Coke Co	Mill Creek & Coaldale		3		
Modoc Coal Mining Co	Modoc		1		
Patterson Pocahontas Coal Co., S. J.	Arista Nos. 1-2		2		
Pocahontas Consolidated Collieries Co	Caswell Creek		2		
Pocahontas Consolidated Collieries Co	Sagamore Nos. 1-2		7		
Pocahontas Consolidated Collieries Co	West Mine		1		
Pawama Coal & Coke Co	Pawama		1		
Smokeless Coal & Coke Co	Smokeless		1		
Solvay Collieries Co	Spring Colliery		6		
Thomas Coal Company, The	No. 1		2		
Thomas Coal Company, The	No. 2		1		
Weyanoke Coal & Coke Co	Weyanoke & Elihu		7		
Totals		6	53		
MINERAL COUNTY					
Abrams Creek Coal & Coke Co	Oakmont No. 1		2		
Davis Coal & Coke Co	No. 6		1		
Davis Coal & Coke Co	No. 19	1	1		
Davis Coal & Coke Co	No. 20				1
Davis Coal & Coke Co	No. 51		2		
Gleason Coal & Coke Co	Gleason		2		
Masteller Coal Co., The	Hampshire Nos. 1-2-3	1			
Totals		2	8		1
MINGO COUNTY					
Buffalo Collieries Co	Buffalo		7		
Crystal Block Coal & Coke Co	Winifrede & Coalburg		2		
Glen Alum Coal Co	Glen Alum Nos. 1-2-3		11		
Glen Alum Coal Co	Glen Alum No. 4		4		
Grey Eagle Coal Co	Grey Eagle		1		
Howard Junior Coal Co	Howard Jr	2			
Howard Colliery Co	Frederick	1			
Howard Colliery Co	Howard	1			
Magnolia Coal & Coke Co	Magnolia				1
Margaret Mining Co	Margaret	1			

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
MINGO COUNTY—Continued					
Mary Helen Coal Co	Mary Helen		5		
Naugatuck Coal Co., The	Naugatuck	1	2		
Red Jacket Jr. Coal Co	Red Jacket Jr		7		
Red Jacket Consolidated Coal & Coke Co	Mitchell Branch & Rutherford		17		
Red Jacket Consolidated Coal & Coke Co	Red Jacket		1		
Sernberger Coal Co., E. L	Sternberger				1
Stone Mountain Coal Corporation	Marvin		2		
Superior Thacker Coal & Coke Co	Williamson No. 1		1		
Sycamore Coal Co	Cinderilla		4		
Thacker Coal & Coke Co	Thacker Nos. 3-8-9		3		
Thacker Coal & Coke Co	Nos. 11-12-13-14	3	7		
War Eagle Coal Co	Mephisto			1	
War Eagle Coal Co	Pappoose			1	
White Star Mining Co	Alma & White Star		1		
Williamson Coal & Coke Co	Nos. 5-6-7		2		
Totals		9	77	2	2
MONONGALIA COUNTY					
Consolidation Coal Co	No. 30		1		
Elkins Coal & Coke Co	No. 1		4		
Elkins Coal & Coke Co	No. 5		5		
Lehigh Coal Co., The	Lehigh No. 1		1		
Totals			11		
NICHOLAS COUNTY					
Coal Bell Coal Co	Nos. 1-2		3		
Saxman Coal & Coke Co	Nos. 1-2-3		2		
Totals			5		
OHIO COUNTY					
Elm Grove Coal Co	Elm Grove		1		
Richland Coal Co	Richland		6		
Whitaker Glessner Co	Carter		1		
Totals			8		
PRESTON COUNTY					
Austin Coal & Coke Co	No. 1		4		
Austin Coal & Coke Co	No. 2		1		
Elkins Coal & Coke Co	No. 3		7		
Elkins Coal & Coke Co	No. 4		3		
Elkins Coal & Coke Co	No. 6		6		
Hiorra Coke Co	Vulcan No. 1		1		
Gordon B. Late	Late No. 1	1			
Merchants Coal Co	Tunnelton		6		
Preston County Coke Co	Cascade 1-2-3-4-5		5		
Somerset Smokeless Coal Co	Tunnelton		6		
Virginia-Maryland Coal Corporation	Scotch Hill				1
Totals		1	39		1
PUTNAM COUNTY					
Black Betsey Coal & Mining Co	Black Betsey		4		
Otto Marmet Coal & Mining Co	Big Otto Nos. 1-2-3		5		
Plymouth Coal Mining Co	Plymouth		3		
Totals			12		
RALEIGH COUNTY					
Bailey-Wood Coal Co	Bailey-Wood		6		
Beckley Coal & Coke Co	Beckley		5		
Clear Fork Coal Co	Leevale		3		
Cranberry Fuel Co	Cranberry		4		
Cranberry Fuel Co	Sprague		2		
Receivers Four States Coal & Coke Co	Dorothy		9		
Receivers Four States Coal & Coke Co	Sarita		8		
Gulf Coal Co	Nos. 1-2-3		5		
Gulf Smokeless Coal Co	Tams Nos. 1-2-3		11		
Lanark Coal Co	Lanark No 4		1		
Lynwin Coal Co	Lynwin		2		



Coke Ovens Lick Branch Mine, Pocahontas Consolidated Collieries Co., Inc.

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, *1915.*—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
RALEIGH COUNTY—Continued					
MacAlpin Coal Co	MacAlpin		11		
Mabscott Coal & Coke Co	Mabscott		1		
Marsh Fork Coal Co	Marsh Fork		4		
McKell Coal & Coke Co	Graham Nos. 1-2		2		
McKell Coal & Coke Co	Oswald Nos. 1-2-3-4		8		
McKell Coal & Coke Co	Tamroy		7		
New River Collieries Co	Eccles No. 3		10		
New River Collieries Co	Eccles No. 5		11		
New River Collieries Co	Eccles No. 6		4		
Pemberton Coal & Coke Co	Affinity		4		
Pemberton Coal & Coke Co	Big Stick		1		
Pemberton Coal & Coke Co	Pemberton		1		
Piney Mining Co	Nos. 1-2		3		
Piney Mining Co	No. 3		1		
Piney Mining Co	No. 4		1		
Raleigh Coal & Coke Co	Nos. 1-2 & 4		5		
Raleigh Coal & Coke Co	No. 3		8		
Raleigh Coal & Coke Co	Raleigh No. 6		12		
Slab Fork Coal Co	Nos. 2-3-5-6-7		12		
Stonewall Coal & Coke Co	Terry 2-3-4		4		
Sullivan Coal & Coke Co	Sullivan		8		
West Virginia Coal Mining Co	Wevaco				1
E. E. White Coal Company	Glen White Nos. 1-2		10		
E. E. White Coal Company	Stotesburg Nos. 1-3-5-6-7		10		
Winding Gulf Colliery Co	Nos. 1-3		11		
Winding Gulf Colliery Co	No. 2		5		
Wright Coal & Coke Co	Wright No. 1		2		
Wright Coal & Coke Co	Wright No. 2	1			
Totals		1	212		1
RANDOLPH COUNTY					
Brady Coal Co	Klondyke				1
Davis Coal & Coke Co	Weaver No. 2	1			
Davis Colliery Co	Coalton		6		
Davis Colliery Co	Harding		3		
J. B. Jenkins Coal & Coke Co	Ariana		1		
Totals		1	10		1
TAYLOR COUNTY					
Maryland Coal Company of West Virginia	Wendel Nos. 1-2		4		
McGraw Coal Co	New York No. 1		4		
Pittsvein Coal Co	Flemington No. 4		1		
Rosemont Coal Co	Rosemont		3		
Sterling Coal Co	Cecil		2		
Winona Coal & Coke Co	Winona		2		
Totals			16		
TUCKER COUNTY					
Cumberland Coal Co	Douglas No. 1		2		
Davis Coal & Coke Co., The	No. 23		4		
Davis Coal & Coke Co., The	No. 25		1		
Davis Coal & Coke Co., The	No. 34		2		
Davis Coal & Coke Co., The	No. 35		2		
Davis Coal & Coke Co., The	No. 36		5		
Davis Coal & Coke Co., The	No. 37		5		
Davis Coal & Coke Co., The	No. 38		7		
Davis Coal & Coke Co., The	No. 39		4		
Davis Coal & Coke Co., The	No. 40		5		
Davis Coal & Coke Co., The	No. 41		1		
Davis Coal & Coke Co., The	No. 43		3		
Totals			41		
UPSHUR COUNTY					
Buchannon River Coal & Coke Co	Florence No.2		1		
Red Rock Fuel Co	Red Rock		4		
Totals			5		

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	LOCOMOTIVES			
		Steam	Electric	Comp. Air	Gasoline
WAYNE COUNTY					
East Lynn Coal Co.	East Lynn	......	1	......	......
Totals		......	1	......	......
WYOMING COUNTY					
Mead-Pocahontas Coal Co.	Mead-Pocahontas	......	3	......	......
Trace Fork Coal Co.	Trace Fork No. 7	......	1	......	......
Virginian Smokeless Fuel Co.	Virginian Smokeless	......	1	......	......
Wyoming Coal Co.	Nos. 1-2-3-4	......	2	......	......
Totals		......	7	......	......

SUMMARY OF THE NUMBER OF MINE LOCOMOTIVES IN THE STATE, 1915.

COUNTY	Number of Mines Using Locomotives	LOCOMOTIVES				
		Steam	Electric	Comp. Air	Gaso-line	Sum Total
Barbour	10		19		1	20
Boone	7		19			19
Braxton	3		5			5
Brooke	6		21			21
Clay	1		8			8
Fayette	94	9	295		6	310
Gilmer	1		1			1
Grant	2		7			7
Harrison	42	1	49		12	62
Kanawha	84		169			169
Logan	65		171		1	172
Marion	23		50	39	2	91
Marshall	7		15			15
Mason	2		3			3
McDowell	108	10	356	2	4	372
Mercer	29	6	53			59
Mineral	9	2	8		1	11
Mingo	38	9	77	2	2	90
Monongalia	4		11			11
Nicholas	5		5			5
Ohio	3		8			8
Preston	15	1	39		1	41
Putnam	5		12			12
Raleigh	62	1	212		1	214
Randolph	5	1	10		1	12
Taylor	6		16			16
Tucker	12		41			41
Upshur	2		5			5
Wayne	1		1			1
Wyoming	7		7			7
Totals	658	40	1,693	43	32	1,808

STEAM BOILERS AT MINES, 1915.

COUNTY	Number of Boilers Insured	Number of Boilers Not Insured	Total Number of Boilers
Barbour	23	1	24
Boone	17		17
Braxton	3		3
Brooke	7	2	9
Clay	6		6
Fayette	145	28	173
Gilmer		2	2
Grant	6		6
Greenbrier	1		1
Harrison	76		76
Kanawha	90	13	103
Lincoln	2		2
Logan	64	10	74
Marion	97		97
Marshall	19		19
Mason	2	3	5
McDowell	195	22	217
Mercer	17	9	26
Mineral	17	1	18
Mingo	72	9	81
Monongalia	5	1	6
Nicholas	2	4	6
Ohio	2		2
Preston	26	3	29
Putnam	2	7	9
Raleigh	63	7	70
Randolph	12	2	14
Taylor	12	2	14
Tucker	9		9
Upshur		3	3
Wayne		1	1
Totals	992	130	1,122

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30, 1916.

NAME OF COMPANY	NAME OF MINE	Tons of Coal Used in Ovens Tons of 2,240 lbs.	Tons of Coke Produced Tons of 2,000 lbs.	Number of Coke Ovens Reported	Average No. Ovens Used Per Plant	Average No. Days Ovens Were Operated	Number of Ovens Not in Use	
BARBOUR COUNTY								
Davis Colliery Co.	Junior No. 4	3,928	3,079	51	29	52	22	
Gage Coal & Coke Co.	Sara	17,449	13,049	60	28	240	32	
Sandridge Coal Co., Lee J.	Meriden Nos. 1-2			50			50	
Totals		21,377	16,128	161	29	146	104	
FAYETTE COUNTY								
Babcock Coal & Coke Co.	Nos. 3-4	18,676	11,587	197	59	365	138	
Branch Coal & Coke Co.	Elverton			58			58	
Columbus Iron & Steel Co.	No. 1	56,618	37,944	84	82	268	2	
Fire Creek Coal & Coke Co.	Buffalo	12,324	8,803	96	48	241	48	
Gauley Mountain Coal Co., The	Turkey Creek & Nova Scotia	36,421	23,304	152	75	250	77	
Loup Creek Colliery Co.	Loop Creek No. 2			505			505	
Low Moor Iron Company of Virginia, The	Kay Moor No. 1	21,000	12,600	145	120	60	25	
Mt. Carbon Company, Ltd.	Vulcan	26,140	15,071	202	70	236	132	
Sewell Colliery Co.	Sugar Camp			100			100	
Stone Cliff Coal & Coke Co.	Stone Cliff			60			60	
Sunday Creek Coal Co.	No. 111			102			102	
Sunday Creek Coal Co.	No. 112			200			200	
Sunday Creek Coal Co.	No. 115			115			115	
Sunday Creek Coal Co.	No. 116			116			116	
Turkey Knob Coal Co.	Turkey Knob	26,064	19,461	100	75	300	25	
Totals		197,243	128,770	2,232	96	246	1,703	
HARRISON COUNTY								
Consolidation Coal Co.	No. 21	25,269	17,254	80	33		47	
Consolidation Coal Co.	No. 33			33			33	
Consolidation Coal Co.	No. 55			50			50	
Hutchinson Coal Co.	Nos. 2-3			20			20	
Totals		25,269	17,254	183	33		150	
KANAWHA COUNTY								
Hackett Coal Co.	No. 1			15			15	
Totals				15			15	

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30, 1916.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Tons of Coal Used in Ovens Tons of 2,240 lbs.	Tons of Coke Produced Tons of 2,000 lbs.	Number of Coke Ovens Reported	Average No. Ovens Used Per Plant	Average No. Days Ovens Were Operated	Number of Ovens Not in Use	
MARION COUNTY								
Consolidation Coal Co.	No. 22	10,464						Cokereported at No. 43 Mine
Consolidation Coal Co.	No. 24			158			158	
Consolidation Coal Co.	No. 26			94			94	
Consolidation Coal Co.	No. 38			36			36	
Consolidation Coal Co.	No. 43	47,563	48,433	171	104	365	67	
Consolidation Coal Co.	No. 56			89			89	
Consolidation Coal Co.	No. 63	14,046		99			99	Cokereported at No. 43 Mine
Consolidation Coal Co.	No. 68			12			12	
Federal Coal & Coke Co.	Federal			60			60	
Virginia-Pittsburg Coal & Coke Co.	Kingmont	4,890	3,057	67	10	290	57	
Totals		76,963	51,490	786	57	328	672	
McDOWELL COUNTY								
Arlington Coal & Coke Co.	Arlington	41,149	25,720	158	85	170	73	
Ashland Coal & Coke Co.	Ashland & Graeber	9,919	6,612	410	50	200	360	
Bottom Creek Coal & Coke Co.	Bottom Creek No. 1			220			220	
Crozer Coal & Coke Co.	Nos. 1-2	48,335	30,241	200	80	365	120	
Elkhorn Coal & Coke Co.	Elkhorn	21,630	14,563	170	50	365	120	
Empire Coal & Coke Co.	Empire	20,211	14,148	250	55	217	195	
Elk Ridge Coal & Coke Co.	Elk Ridge	14,426	9,016	200	50	179	150	
Eureka Coal & Coke Co.	Eureka	25,558	15,974	200	50	365	150	
Gilliam Coal & Coke Co.	Gilliam	33,351	20,811	217	75	210	142	
Greenbrier Coal & Coke Co.	Greenbrier			200			200	
Houston Coal & Coke Co.	Nos. 1-2	71,186	48,644	250	150	300	100	
Houston Coal & Coke Co.	Huger	46,806	32,352	150	80	270	70	
Indian Ridge Coal Co.	Indian Ridge			150			150	
Lynchburg Coal & Coke Co.	Lynchburg	37,408	23,380	213	60	365	153	
Keystone Coal & Coke Co.	Nos. 1-2	15,502	10,852	250	80	150	170	
McDowell Coal & Coke Co.	McDoewll	31,133	23,245	100	80	311	20	
New River Pocahontas Consolidation Coal Co.	Berwind No. 1	32,933	56,466	200	133	313	67	
Page Coal & Coke Co.	Nos. 1-2-3	78,325	48,952	446	125	312	321	
Peerless Coal & Coke Co.	Nos. 1-2			254			254	
Pocahontas Consolidation Colliery Co., Inc.	Angle	22,225	13,890	192	40	50	152	
Pocahontas Consolidation Colliery Co., Inc.	Cherokee			128			128	
Pocahontas Consolidation Colliery Co., Inc.	Delta			120			120	
Pocahontas Consolidation Colliery Co., Inc.	Lick Branch			158			158	
Pocahontas Consolidation Colliery Co., Inc.	Norfolk			322			322	
Pocahontas Consolidation Colliery Co., Inc.	Rolfe			100			100	

McDOWELL COUNTY—Continued								
Pocahontas Consolidation Colliery Co., Inc	Shamokin			389			389	
Powhatan Coal & Coke Co	East & West	42,500	27,188	225	60	365	165	
Pulaski Iron Co	Nos. 1-2-3	148,306	92,690	260	246	304	14	
Roanoke Coal & Coke Co	Roanoke			135			135	
Shawnee Coal & Coke Co	Shawnee	25,898	16,181	188	66	200	122	
Tidewater Coal & Coke Co	Tidewater			300			300	
United States Coal & Coke Co	No. 2			710			710	
United States Coal & Coke Co	No. 3			300			300	
United States Coal & Coke Co	No. 4			209			209	
United States Coal & Coke Co	No. 5			102			102	
United States Coal & Coke Co	No. 6			308			308	
United States Coal & Coke Co	No. 7			350			350	
Upland Coal & Coke Co	Upland No. 1	34,354	21,405	180	70	313	110	
Totals		801,155	552,363	8,910	84	266	7,229	
MERCER COUNTY								
American Coal Co	Crane Creek	45,227	27,029	200	110	300	90	
American Coal Co	Pinnacle	18,303	10,941	200	100	222	100	
Booth-Bowen Coal & Coke Co	Booth-Bowen	13,346	8,341	177	30	132	147	
Buckeye Coal & Coke Co	Buckeye	13,512	8,445	72	25	112	47	
Crystal Coal & Coke Co	Nos. 1-2	39,964	28,015	140	120	313	20	
Louisville Coal & Coke Co	Louisville Nos. 1-2, Klondyke No. 3 and Goodwill	4,598	3,893	225	50	63	175	
Mill Creek Coal & Coke Co	Mill Creek and Coaldale	35,540	23,516	300	100	244	200	
Pocahontas Consolidation Colliery Co., Inc	Caswell Creek			231			231	
Pocahontas Consolidation Colliery Co., Inc	Sagamore Nos. 1-2			280			280	
Thomas Coal Co	No. 1	33,212	22,854	146	100	294	46	
Totals		203,702	133,069	1,971	80	220	1,336	
MONONGALIA COUNTY								
Consolidation Coal Co	No. 30			48			48	
Elkins Coal & Coke Co	No. 1	48,074	33,803	150	67	163	83	
Southern Connellsville Coke Co	Marion	23,578	16,656	64	40	130	24	
Totals		71,652	50,459	262	54	147	155	
NICHOLAS COUNTY								
Saxman Coal & Coke Co	Nos. 1-2-3	2,112	1,508	50	6	150	44	
Totals		2,112	1,508	50	6	150	44	

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30, 1916.—(Continued.)

NAME OF COMPANY	NAME OF MINE	Tons of Coal Used in Ovens Tons of 2,240 lbs.	Tons of Coke Produced Tons of 2,000 lbs.	Number of Coke Ovens Reported	Average No. Ovens Used Per Plant	Average No. Days Ovens Were Operated	Number of Ovens Not in Use	
PRESTON COUNTY								
Austin Coal & Coke Co.	Austin No. 1	27,389	17,924	228	135	103	93	
Elkins Coal & Coke Co.	No. 2			267			267	
Elkins Coal & Coke Co.	No. 6			80			80	
Gorman Coal & Coke Co.	Nos. 2-3			40			40	
Hiorra Coke Co.	Vulcan No. 1			100			100	
Preston County Coke Co.	Nos. 1-2-3-4-5	47,143	41,602	194	78	274	116	
Virginia-Maryland Coal Corporation	Scotch Hill			86			86	
Totals		74,532	59,526	995	107	189	782	
RANDOLPH COUNTY								
Davis Colliery Co.	Coalton	57,055	44,715	250	96	198	154	
Davis Colliery Co.	Harding	28,922	22,666	85	52	209	33	
Totals		85,977	67,381	325	74	204	187	
TAYLOR COUNTY								
Winona Coal & Coke Co.	Winona	22,349	15,019	30	28	268	2	
Totals		22,349	15,019	30	28	268	2	
TUCKER COUNTY								
Cumberland Coal Co.	Douglas No. 1	11,645	7,763	135	13	173	122	
Totals		11,645	7,763	135	13	173	122	
UPSHUR COUNTY								
Buckhannan River Coal & Coke Co.	Florence	3,792	2,274	36	10	36	26	
Totals		3,792	2,274	36	10	36	26	

PRODUCTION OF COKE BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Coke Plants	Total Tons of Coal used In Ovens Tons of 2,240 lbs.	Total Tons of Coke Produced Tons of 2,000 lbs.	Percentage of Yield	Total No. of Coke Ovens Reported	Total No. of Ovens Reported Not in Use	Average No. of Coke Ovens Operated During the Year		Average No. of days ovens Operated	Number of Men Employed
							In County	Per Plant		
Barbour	3	21,377	16,128	75.44	161	104	57	29	146	13
Fayette	15	197,243	128,770	65.29	2,232	1,703	529	96	246	172
Harrison	4	25,269	17,254	68.28	183	150	33	33	....	16
Kanawha	1	....	....	....	15	15	....	....	....	....
Marion	10	76,963	51,490	66.90	786	672	114	57	328	55
McDowell	38	801,155	552,363	68.94	8,910	7,229	1,681	84	266	606
Mercer	10	203,702	133,069	65.33	1,971	1,336	635	80	220	187
Monongalia	3	71,652	50,459	70.42	262	155	107	54	147	57
Nicholas	1	2,112	1,508	71.40	50	44	6	6	150	3
Preston	7	74,532	59,526	79.73	995	782	213	107	189	50
Randolph	2	85,977	67,381	78.38	335	187	148	74	204	41
Taylor	1	22,349	15,019	66.71	30	2	28	28	268	9
Tucker	1	11,645	7,763	66.67	135	122	13	13	173	11
Upshur	1	3,792	2,274	60.00	36	26	10	10	36	10
Totals	97	1,597,768	1,103,004	69.03	16,101	12,527	3,574	52	198	1,230

TABLE SHOWING THE COKE PRODUCTION BY COUNTIES FROM 1897 TO 1903 INCLUSIVE.

(Tons of 2,000 lbs.)

COUNTIES	1897	1898	1899	1900	1901	1902	1903
Barbour	....	1,350	5,980	12,579	12,666	15,682	20,991
Fayette	329,089	394,052	454,999	481,699	442,411	515,398	437,090
Harrison	....	5,419	5,871	15,994	5,190	16,572	62,382
Kanawha	20,132	21,578	10,983	32,665	30,722	29,722	25,789
Marion	142,043	149,060	155,985	298,119	118,285	210,451	282,924
McDowell	567,070	731,681	923,166	1,070,033	953,702	929,433	1,016,988
Mercer	155,522	109,061	192,962	207,277	167,769	175,083	167,567
Monongalia	2,778	12,337	5,204	17,077	5,777	19,948	30,509
Preston	19,567	28,450	34,023	46,250	6,500	18,930	34,627
Raleigh	18,451	20,007	20,398	15,460	....	....	....
Randolph	....	....	....	3,223	13,498	38,845	120,387
Taylor	....	....	....	....	....	....	....
Tucker	159,842	229,261	140,638	295,731	176,392	279,680	284,122
Upshur	....	....	....	....	....	....	....
Totals	1,374,497	1,742,256	1,950,179	2,496,107	1,932,912	2,249,744	2,483,376

TABLE SHOWING THE COKE PRODUCTION BY COUNTIES FROM 1904 TO 1915 INCLUSIVE.

(Tons of 2,000 lbs.)

COUNTIES	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
Barbour	19,128	11,967	17,643	34,030	44,359	27,203	31,898	19,776	1,475	16,005	25,352	16,128
Fayette	434,919	430,163	614,428	615,577	415,425	325,154	713,540	474,481	370,517	568,418	406,455	128,770
Harrison	621	....	768	22,390	1,092	275	7,116	....	....	13,107	17,649	17,254
Kanawha	9,547	19,993	31,527	18,287	12,124	....	21,908	5,466	....	....	....	....
Logan	....	....	....	....	....	....	....	....	....	....	1,322	....
Marion	102,416	127,850	171,621	233,700	105,743	65,213	93,865	45,628	81,147	116,413	57,491	51,490
McDowell	1,170,200	1,380,805	1,699,426	1,744,819	1,681,884	1,733,479	2,235,822	1,358,800	928,545	984,312	769,433	552,363
Mercer	190,132	267,697	318,357	313,117	219,597	220,681	310,551	248,101	189,200	247,396	196,650	133,069
Monongalia	22,999	42,802	58,264	113,031	76,386	117,254	133,536	130,935	55,994	115,273	102,728	50,459
Nicholas	....	....	....	....	....	....	615	2,603	3,113	7,322	3,967	1,508
Preston	27,611	79,757	142,236	222,846	138,644	175,915	293,415	198,231	196,031	226,774	165,053	59,526
Raleigh	....	....	....	....	497	....	....	....	....	....	....	....
Randolph	77,077	146,243	231,616	244,054	129,273	128,401	183,495	130,694	119,513	171,919	152,280	67,381
Taylor	....	....	....	1,747	....	5,302	7,820	2,893	6,452	14,301	34,100	15,019
Tucker	221,801	231,500	253,492	262,951	149,229	97,684	173,840	76,436	40,710	29,934	14,361	7,763
Upshur	....	....	....	2,100	4,010	....	....	....	....	10,626	10,560	2,274
Totals	2,276 451	2,738,777	3,534,314	3,828,649	2,978,263	3,096,561	4,217,381	2,694,047	1,992,697	2,521,800	1,957,401	1,103,004

ORDER IN PRODUCTION OF COKE BY COUNTIES 1897 TO 1915 INCLUSIVE.

COUNTY	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
Barbour	....	11	9	11	8	11	11	9	10	9	9	9	9	9	9	11	9	9	9
Fayette	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Harrison	....	10	10	9	10	10	7	11	....	10	10	12	11	12	....	....	11	10	8
Kanawha	6	7	8	7	6	7	10	10	9	11	11	10	....	10	10	....	....	....	....
Logan	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	....
Marion	4	5	4	3	5	4	4	5	6	6	6	7	8	8	8	6	6	7	6
McDowell	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mercer	5	4	3	5	4	5	5	4	3	3	3	3	3	3	3	4	3	3	2
Monongalia	9	9	11	8	11	8	9	8	8	8	8	8	6	7	5	7	7	6	7
Nicholas	....	....	....	....	....	....	....	....	....	....	....	....	....	13	12	10	13	13	13
Preston	7	6	6	6	9	9	8	7	7	7	7	5	4	4	4	3	4	4	5
Raleigh	8	8	7	10	....	....	....	....	....	....	....	13	....	....	....	....	....	....	....
Randolph	....	....	....	12	7	6	6	6	5	5	5	6	5	5	6	5	5	5	4
Taylor	....	....	....	....	....	....	....	....	....	....	13	....	10	11	11	9	10	8	10
Tucker	3	3	5	4	3	3	3	3	4	4	4	4	7	6	7	8	8	11	11
Upshur	....	....	....	....	....	....	....	....	....	....	12	11	....	....	....	....	12	12	12

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	No. of Coke Ovens Not in Use
BARBOUR COUNTY		
Davis Colliery Co	Junior No. 4	22
Gage Coal & Coke Co	Sara	32
Sandridge Coal Co., Lee J	Meriden Nos. 1-2	50
Total		104
FAYETTE COUNTY		
Babcock Coal & Coke Co	Nos. 3-4	138
Branch Coal & Coke Co	Elverton	58
Columbus Iron & Steel Co	No. 1	2
Fire Creek Coal & Coke Co	Buffalo	48
Gauley Mountain Coal Co., The	Turkey Creek—Nova Scotia	77
Loup Creek Colliery Co	Loup Creek No. 2	505
Low Moor Iron Company of Virginia, The	Kay Moor No. 1	25
Mt. Carbon Co., Ltd	Vulcan	132
Sewell Colliery Co	Sugar Camp	100
Stone Cliff Coal & Coke Co	Stone Cliff	60
Sunday Creek Coal Co	No. 111	102
Sunday Creek Coal Co	No. 112	200
Sunday Creek Coal Co	No. 115	115
Sunday Creek Coal Co	No. 116	116
Turkey Knob Coal Co	Turkey Knob	25
Total		1,703
HARRISON COUNTY		
Consolidation Coal Co	No. 21	47
Consolidation Coal Co	No. 33	33
Consolidation Coal Co	No. 55	50
Hutchinson Coal Co	Nos. 2-3	20
Total		150
KANAWHA COUNTY		
Hackett Coal Co	No. 1	15
Total		15
MARION COUNTY		
Consolidation Coal Co	No. 24	158
Consolidation Coal Co	No. 26	94
Consolidation Coal Co	No. 38	36
Consolidation Coal Co	No. 43	67
Consolidation Coal Co	No. 56	89
Consolidation Coal Co	No. 63	99
Consolidation Coal Co	No. 68	12
Federal Coal & Coke Co	Federal	60
Virginia-Pittsburg Coal & Coke Co	Kingmont	57
Total		672
McDOWELL COUNTY		
Arlington Coal & Coke Co	Arlington	73
Ashland Coal & Coke Co	Ashland & Graeber	360
Bottom Creek Coal & Coke Co	Bottom Creek No. 1	220
Crozer Coal & Coke Co	Nos. 1-2	120
Elkhorn Coal & Coke Co	Elkhorn	120
Empire Coal & Coke Co	Empire	195
Elk Ridge Coal & Coke Co	Elk Ridge	150
Eureka Coal & Coke Co	Eureka	150
Gilliam Coal & Coke Co	Gilliam	142
Greenbrier Coal & Coke Co	Greenbrier	200
Houston Coal & Coke Co	Nos. 1-2	100
Houston Coal & Coke Co	Huger	70
Indian Ridge Coal Co	Indian Ridge	150
Lynchburg Coal & Coke Co	Lynchburg	153
Keystone Coal & Coke Co	Nos. 1-2	170
McDowell Coal & Coke Co	McDowell	20
New River Pocahontas Consolidation Coal Co	Berwind No. 1	67
Page Coal & Coke Co	Nos. 1-2-3	321
Peerless Coal & Coke Co	Nos. 1-2	254
Pocahontas Consolidation Colliery Co., Inc	Angle	152

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	No. of Coke Ovens Not in Use
McDOWELL COUNTY—Continued		
Pocahontas Cons. Collieries Co., Inc.	Cherokee	128
Pocahonts Cons. Collieries Co., Inc.	Delta	120
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	158
Pocahontas Cons. Collieries Co., Inc.	Norfolk	322
Pocahontas Cons. Collieries Co., Inc.	Rolfe	100
Pocahontas Cons. Collieries Co., Inc.	Shamokin	389
Powhatan Coal & Coke Co.	East & West	165
Pulaski Iron Co.	Nos. 1-2-3	14
Roanoke Coal & Coke Co.	Roanoke	135
Shawnee Coal & Coke Co.	Shawnee	122
Tidewater Coal & Coke Co.	Tidewater	300
United States Coal & Coke Co.	No. 2	710
United States Coal & Coke Co.	No. 3	300
United States Coal & Coke Co.	No. 4	209
United States Coal & Coke Co.	No. 5	102
United States Coal & Coke Co.	No. 6	308
United States Coal & Coke Co.	No. 7	350
Upland Coal & Coke Co.	Upland No. 1	110
Total		7,229
MERCER COUNTY		
American Coal Co.	Crane Creek	90
American Coal Co.	Pinnacle	100
Booth-Bowen Coal & Coke Co.	Booth-Bowen	147
Buckeye Coal & Coke Co.	Buckeye	47
Crystal Coal & Coke Co.	Nos. 1-2	20
Louisville Coal & Coke Co.	Louisville Nos. 1-2, Klondyke No. 3 and Goodwill	175
Mill Creek Coal & Coke Co.	Mill Creek and Coaldale	200
Pocahontas Cons. Collieries Co., Inc	Caswel Creek	231
Pocahontas Cons. Collieries Co., Inc	Sagamore Nos. 1-2	280
Thomas Coal Co.	No. 1	46
Total		1,336
MONONGALIA COUNTY		
Consolidation Coal Co.	No. 30	48
Elkins Coal & Coke Co.	No 1	83
Southern Connellsville Coke Co.	Marion	24
Total		155
NICHOLAS COUNTY		
Saxman Coal & Coke Co.	Nos. 1-2-3	44
Total		44
PRESTON COUNTY		
Austin Coal & Coke Co.	Austin No. 1	93
Elkins Coal & Coke Co.	No. 2	267
Elkins Coal & Coke Co.	No. 6	80
Gorman Coal & Coke Co.	Nos. 2-3	40
Hiorra Coke Co.	Vulcan No. 1	100
Preston County Coke Co.	Nos. 1-2-3-4-5	116
Virginia-Maryland Coal Corporation	Scotch Hill	86
Total		782
RANDOLPH COUNTY		
Davis Colliery Co.	Coalton	154
Davis Colliery Co.	Harding	33
Total		187
TAYLOR COUNTY		
Winona Coal & Coke Co.	Winona	2
Total		2

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	No. of Coke Ovens Not in Use
TUCKER COUNTY		
Cumberland Coal Co.	Douglas No. 1	122
Total		122
UPSHUR COUNTY		
Buckhannon River Coal & Coke Co.	Florence	26
Total		26

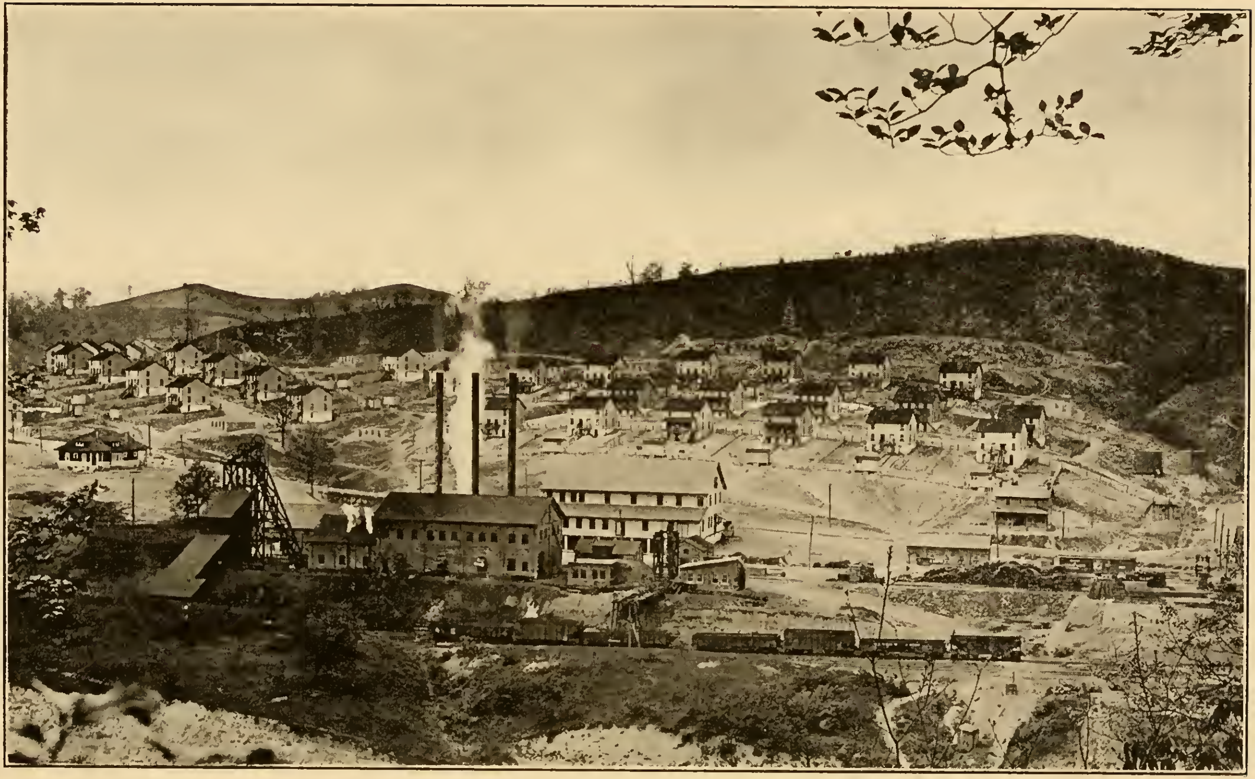
TABLE SHOWING COMPARATIVE STATEMENT OF COKE PRODUCTION FOR THE FISCAL YEARS 1915 AND 1914.

(Tons of 2,000 lbs.)

COUNTY	1915	1914	Decrease Under 1914
Barbour	16,128	25,352	9,224
Fayette	128,700	406,455	277,685
Harrison	17,254	17,649	395
Logan	....	1,322	1,322
Marion	51,490	57,491	6,001
McDowell	552,363	769,433	217,070
Mercer	133,069	196,650	63,581
Monongalia	50,459	102,728	52,269
Nicholas	1,508	3,967	2,459
Preston	59,526	165,053	105,527
Randolph	67,381	152,280	84,899
Taylor	15,019	34,100	19,081
Tucker	7,763	14,361	6,598
Upshur	2,274	10,560	8,286
Grand Totals	1,103,004	1,957,401	854,397

NUMBER OF COKE OVENS NOT IN USE DURING THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Coke Ovens Not in Use	Field in Which Located
Barbour	104	Upper Monongalia
Fayette	1,703	New River
Harrison	150	Upper Monongalia
Kanawha	15	Kanawha
Marion	672	Upper Monongalia
McDowell	7,229	Pocahontas
Mercer	1,336	Upper Monongalia
Monongalia	155	Upper Monongalia
Nicholas	44	New River..........
Preston	782	Upper Monongalia
Randolph	187	Upper Monongalia
Taylor	2	Upper Monongalia
Tucker	122	Upper Potomac
Upshur	26	Upper Monongalia
Grand Total	11,259	



Jamison Coal & Coke Company

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
BARBOUR COUNTY														
Boat Run Coal Co.	Boat Run No. 1	....	30	6	10	46	10	....	10	56	62	....	....	6
Century Coal Co., The	Century No. 1	105	55	18	55	233	24	....	24	257	241	....	....	23
Century Coal Co., The	Century No. 2	42	32	6	18	98	14	....	14	112	226	....	....	10
Consolidation Coal Co.	Consolidation No. 37	32	79	24	53	188	34	....	34	222	234	....	....	28
Davis Colliery Co.	Junior No. 4	60	....	....	16	76	6	7	13	89	52	52	29	17
Davis Coal & Coke Co., The	Dartmoor No. 4	120	....	....	33	153	13	....	13	166	191	....	....	11
Gage Coal & Coke Co.	Sara	20	....	....	5	25	5	6	11	36	248	240	28	2
Grafton Fuel Co.	Lillian	4	30	4	5	43	9	....	9	52	278	....	....	3
Humphreys Coal Co.	Humphreys	....	26	4	10	40	5	....	5	45	200	....	....	4
Luella Coal & Coke Co.	Luella	20	....	....	9	29	3	....	3	32	180	....	....	5
Sandridge Coal Co., Lee J.	Meridian Nos. 1-2	....	35	4	12	51	14	....	14	65	70	....	....	8
Totals		403	287	66	226	982	137	13	150	1,132	175	146	29	117
BOONE COUNTY														
Anchor Coal Co.	Anchor	....	77	8	21	106	12	....	12	118	175	....	....	....
Big Eagle Mining Co.	Big Eagle Shaft	....	6	2	3	11	4	....	4	15	208	....	....	1
Coal River Coal Co., The	Coal River	....	55	6	13	74	12	....	12	86	182	....	....	3
Hickory Ash Coal Co., The	Hickory Ash	....	50	8	15	73	10	....	10	83	147	....	....	....
Horse Creek Block Coal Co.	Opal No. 1	....	18	4	5	27	9	....	9	36	205	....	....	....
Peytona Block Coal Co.	Peytona Block	....	40	8	14	62	10	....	10	72	164	....	....	8
Seng Creek Coal Co.	Seng Creek	....	58	6	24	88	26	....	26	114	179	....	....	....
Spruce River Coal Co., The	Ramage No. 2	....	50	10	23	83	12	....	12	95	107	....	....	8
Webb Coal Mining Co.	Ferndale	....	36	3	12	51	12	....	12	63	160	....	....	6
Totals		....	390	55	130	575	107	....	107	682	170	....	....	26
BRAXTON COUNTY														
Copen Creek Coal Co., The	Van With	28	12	2	7	49	5	....	5	54	265	....	....	3
Davis Colliery Co.	Nos. 3-7-10	15	49	16	26	106	18	....	18	124	....	....	....	19
Davis Colliery Co.	No. 11	22	....	....	9	31	4	....	4	35	210	....	....	6
Totals		65	61	18	42	186	27	....	27	213	237	....	....	28

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.— (Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
BROOKE COUNTY														
Clifton Coal Co.	Clifton No. 1		95	12	23	130	19		19	149	211			3
La Belle Iron Works	La Belle Shaft		58	6	83	147	11		11	158	238			
Richland Block Coal Co.	Beech Bottom	35	135	14	36	220	26		26	246	212			2
West Virginia Pittsburg C. Co.	Locust Grove No. 1	31	124	16	57	228	35		35	263	250			11
West Virginia-Pittsburg C. Co.	Gilchrist No. 3	12	51	6	8	77	12		12	89	181			4
West Virginia-Pittsburg C. Co.	La Belle No. 4	25	109	10	25	169	23		23	192	175			7
Totals		103	572	64	232	971	126		126	1,097	211			27
CLAY COUNTY														
Elk River Coal & Lumber Co.	Rich Run		160	16	30	206	65		65	271	309			2
Elliott Splint Coal Co., The	York No. 1		60	6	21	87	10		10	97	208			5
Queen Shoals Coal Co.	Burnzwell	20			7	27	6		6	33	236			6
Totals		20	220	22	58	320	81		81	401	251			13
FAYETTE COUNTY														
Aileen Coal Co.	Aileen	32			8	40	5		5	45	174			5
Ajax Coal Co.	Ajax	30			12	42	5		5	47	159			3
Babcock Coal & Coke Co.	Nos. 3-4	55	5	2	21	83	12	26	38	121	243	365	59	14
Ballinger Coal Co.	Ballinger No. 1	74			13	87	9		9	96	217			7
Beechwood Coal & Coke Co.	Beechwood Nos. 1-2	110			18	128	12		12	140	181			22
Beury Brothers C. & C. Co.	Echo	72			23	95	26		26	121	270			16
Big Bend Coal Co.	Big Bend	22			4	26	3		3	29	300			5
Boomer Coal & Coke Co.	No. 2 North	53	189	20	65	327	45		45	372	200			22
Boomer Coal & Coke Co.	No. 2 South	34	150	12	43	239	23		23	262	190			18
Boomer Coal & Coke Co.	No. 4	1	131	14	30	176	24		24	200	108			12
Boomer Coal & Coke Co.	No. 5	1	60	8	17	86	15		15	101	127			8
Blume Estate, G. M.	Fayette	15	15	6	4	40	3		3	43	110			3
Blume Coal & Coke Co.	Blume	12	50	12	18	92	8		8	100	297			9
Branch Coal & Coke Co.	Elverton	30	25	6	20	81	9		9	90	166			8
Brown Coal Co.	Brown	50	25	10	20	105	12		12	117	188			10
Cannelton Coal & Coke Co.	Cannelton No. 2		285	24	128	437	25		25	462	203			34
Cannelton Coal & Coke Co.	Cannelton No. 3		25	2	10	37	3		3	40	136			
Cannelton Coal & Coke Co.	Cannelton No. 4		75	8	27	110	10		10	120	234			4

Collins Colliery Co.	Collins	55	20	6	38	119	22		22	141	153			33
Columbus Iron & Steel Co.	No. 1	16	80	10	43	149	37	14	51	220	166	268	82	5
Christian Colliery Co.	Christian No. 1		78	10	23	111	17		17	128	205			
Christian Colliery Co.	Powelton		16	2	6	24					95			
Deitz Colliery Company	Deitz	20		4	6	30	5		5	35	117			4
Deegans W. E., Receiver	Dun Glen	10			9	19	6		6	25	101			6
Dunn Loop Coal & Coke Co.	Dunn Loop	206			93	299	26		26	325	212			30
Elmo Mining Co.	Elmo	8	19	6	7	40	5		5	45	220			4
Ephriam Creek Coal & Coke Co.	Buffalo & Slater	90	10	8	57	165	40		40	205	242			3
Eureka Coal Co.	Eureka No. 2	22			6	28	4		4	32	169			3
Export Coal Co.	Export	50			12	62	7		7	69	242			7
Fire Creek Coal & Coke Co.	Fire Creek	33			14	47	18	13	31	78	223	241	48	6
Ft. Defiance Coal & Coke Co.	Ft. Defiance		32	10	16	58	6		6	64				8
Gauley Mountain Coal Co., The	Buck Run		27	8	8	43	7		7	50	221			
Gauley Mountain Coal Co., The	Nova Scotia & Turkey Cr.	50	55	10	55	170	45	45	90	260	170	250	75	20
Gaymont Coal Co.	Gaymont		6	2	1	9	1		1	10	60			1
Greenwood Coal Co.	Greenwood	76		2	55	133	12		12	145	163			9
Great Kanawha Colliery Co.	Great Kanawha	10	4	1	2	17	3		3	20	260			
Harvey Coal & Coke Co.	Harvey	66	54	16	59	195	23		23	218	162			30
Hemlock Coal & Coke Co.	Hemlock	38	15	6	2	61	8		8	69	195			1
Hindson Coal Co.	Dun Glen	12			3	15	4		4	19	9			4
Johnson Coal Co., W. R.	Oakland	50	10	2	12	74	10		10	84	121			10
Keeneys Creek Colliery Co.	Boone	43	31	4	17	95	7		7	102	226			8
Keeneys Creek Colliery Co.	Smokeless	26	64	8	18	116	14		14	130	234			8
Laura Mining Co.	Laura	16			2	18	1		1	19	214			5
Laurel Creek Coal Co.	Laurel	40	1	4	15	60	5		5	65	153			2
Lookout Coal & Coke Co.	Lookout		40	8	10	58	5		5	63	260			7
Long Branch Coal Co.	No. 2	80			25	105	25		25	130	203			13
Loup Creek Colliery Co.	Loup Creek No. 2	197	22	8	97	324	60		60	384	210			8
Low Moor Iron Co. of Va., The	Kay Moor No. 1	65	20	20	36	141	26	28	54	195	133	60	120	20
Low Moor Iron Co. of Va., The	Kay Moor No. 2	25	12	2	2	41	6		6	47	150			8
Lynchburg Colliery Co.	No. 2 Gas	25		4	6	35	8		8	43	144			3
M. B. Coal & Coke Co.	Elk Ridge No. 1	3	50	6	25	84	8		8	92	187			6
M. B. Coal & Coke Co.	Elk Ridge No. 2	9	49	6	27	91	12		12	103	181			8
M. B. Coal & Coke Co.	Kimberley No. 3	1	49	6	7	63	20		20	83	132			2
M. B. Coal & Coke Co.	Columbus No. 5	1	36	4	13	54	8		8	62	180			14
McDonald Colliery Co.	MacDonald	40	5	2	28	75	11		11	86	190			17
Meadow Fork Coal Co.	Meadow Fork	35			14	49	6		6	55	182			6
McKee Coal & Coke Co.	Derryhale	33		2	23	58	8		8	66	143			14
McKee Coal & Coke Co.	Kilsyth	76	25	4	12	117	15		15	132	136			34
Michigan Coal Co.	Michigan	29			9	38	9		9	47	180			11
Midvale Colliery Co.	Midvale		47	6	15	68	20		20	88	150			10
Milburn Coal Co.	Milburn No. 1		60	8	44	112	15		15	127	278			
Mill Creek Colliery Co.	Mill Creek		20	20	10	50	10		10	60	200			15
Mt. Hope Coal & Coke Co.	Baby	32			14	46	10		10	56	212			11
Mount Carbon Co., Ltd. The	Vulcan	40	18	2	18	78	8	26	34	112	143	236	70	14
Newlyn Coal Co.	Newlyn	35			5	40	1		1	41	232			3
New River Collieries Co.	Sun Nos. 1-2	120	40	12	116	288	52		52	340	276			49
New River & Poca. Con. C. Co.	Layland Nos. 1-2-3	207			74	281	62		62	343	228			
New River & Poca. Con. C. Co.	Minden No. 2	31	62	12	47	152	23		23	175	225			

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES												
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals	Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
FAYETTE COUNTY—Continued														
New River & Poca. Con. C. Co.	Minden No. 3	26	100	12	51	189	29		29	218	186			
New River & Poca. Con. C. Co.	Minden No. 4	31	100	12	52	195	36		36	231	223			
New River & Poca. Con. C. Co.	Minden No. 5	32	72	8	60	172	28		28	200	225			
New River & Poca. Con. C. Co.	Weirwood		50	12	75	137	38		38	175	275			
Nichol Colliery Co.	Nichol	15	25	4	20	64	6		6	70	161			
Nuttallburg Smokeless Fuel Co.	Nuttallburg	24	28	10	17	79	11		11	90	241			10
New River Co.	Prudence	75	10	4	59	148	10		10	158	194			30
Quinnimont Coal Co.	Big Q	56	10	2	19	87	6		6	93	121			9
Ridgeview Coal Co.	Ridgeview	20			5	25	3		3	28	250			3
River Valley Colliery Co.	Bachman		34	6	7	47	3		3	50	282			4
Rock Lick Coal Co.	Concho No. 1, Erskine No. 2	110	6	4	26	146	12		12	158	272			25
Rothwell Coal Co.	Dubree	6	18	4	11	39	8		8	47	220			3
Scotia Coal & Coke Co.	Brooklyn	35	8		32	75	8		8	83	150			
Scotia Coal & Coke Co.	Red Ash	15			8	23	6		6	29	150			6
Scotia Coal & Coke Co.	Rush Run	15			15	30	10		10	40	150			6
Scotia Coal & Coke Co.	Once More	20			15	35	13		13	48	150			1
Sewell Colliery Co.	Sugar Camp	46	22	4	20	92	14		14	106	249			9
Signal Knob Coal Co.	Signal Knob	20			10	30	5		5	35	150			12
Solvay Collieries Co.	No. 1 Eagle & Powellton		64	4	36	104	19		19	123	96			
Solvay Collieries Co.	Kingston Nos. 1-2-3-4-5	35	166	44	83	328	63		63	391	197			16
St. Clair Colliery Co.	St. Clair & Archer	11	70	10	22	113	20		20	133	176			15
Star Coal & Coke Co., The	Star	100	30	6	24	160	15		15	175	191			20
South Side Co.	South Side	49	7	4	20	80	9		9	89	175			8
Stone Cliff Coal & Coke Co.	Stone Cliff	35			10	45	6		6	51	287			4
Stuart Colliery Co.	Lochgelly	30	52	12	40	134	22		22	156	258			2
Stuart Colliery Co.	Summerlee	6	61	12	62	141	25		25	166	258			6
Sugar Creek Coal & Coke Co.	Sugar Creek	40			18	58	12		12	70	206			30
Sunday Creek Coal Co.	No. 111	24	79	10	53	166	23		23	189	96			14
Sunday Creek Coal Co.	No. 112	25	101	14	69	209	32		32	241	171			
Sunday Creek Coal Co.	No. 114	43	118	20	103	284	47		47	331	134			16
Sunday Creek Coal Co.	No. 116		51	4	15	70	8		8	78				
Turkey Knob Coal Co.	Turkey Knob	131			38	169	26	19	45	214	226			16
White Oak Fuel Co.	Carlisle	82	2	2	60	146	32		32	178	228			37
White Oak Fuel Co.	Scarbro & Wingrove	45	99	22	93	259	20		20	279	235			40
White Oak Fuel Co.	Whipple	33	21	6	42	102	15		15	171	215			24
Willis Branch Coal Co.	Willis Branch	58			9	67	17		17	84	68			5
Totals		3,905	3,516	627	3,035	11,083	1,668	172	1,840	12,923	179	277	86	1,051

GILMER COUNTY														
Gilmer Fuel Co	Gilmer	......	35	14	18	67	11	......	11	78	240	......	......	12
Katherine Coal Co	Katherine	10	......	......	2	12	1	......	1	13	30	......	......	2
McCaa Coal Co	McCaa	......	20	4	8	32	4	......	4	36	240	......	......	1
Totals	......	10	55	18	28	111	16	......	16	127	170	......	......	15
GRANT COUNTY														
Buffalo Creek Cumberland Coal Co	Buffalo Creek, No. 1	50	......	......	5	55	5	......	5	60	200	......	......	5
Davis Coal & Coke Co	No. 22	6	69	10	29	114	29	......	29	143	282	......	......	5
Jordan, S. H.	Cottage Street	6	......	......	2	8	1	......	1	9	200	......	......	2
Totals	......	62	69	10	36	177	35	......	35	212	227	......	......	12
GREENBRIER COUNTY														
Elk Lick Coal Co	Spruce Knob	17	......	......	6	23	7	......	7	30	242	......	......	6
Totals	......	17	......	......	6	23	7	......	7	30	242	......	......	6
HARRISON COUNTY														
Antler Coal Co	Katherine	32	......	......	2	34	4	......	4	38	240	......	......	7
Byron Coal Co	Althea	......	46	4	2	52	9	......	9	61	192	......	......	8
Blue Ridge Coal Co., D. Howard, Receiver	Thompson	10	......	......	2	12	2	......	2	14	......	......	......	......
Blue Ridge Coal Co., D. Howard, Receiver	Thompson, No. 2	10	......	......	3	13	2	......	2	15	......	......	......	3
Calif Coal Co	Calif	26	12	4	9	51	9	......	9	60	211	......	......	5
Central Fairmont Coal Co	Smokeless	......	43	4	3	50	5	......	5	55	180	......	......	8
Clarksburg Coal Mining Co	Florida	......	15	4	6	25	5	......	5	30	55	......	......	7
Consolidation Coal Co., The	No. 21	20	81	29	75	205	47	16	63	268	193	......	33	22
Consolidation Coal Co., The	No. 23	......	9	3	7	19	3	......	3	22	54	......	......	9
Consolidation Coal Co., The	No. 25	30	108	14	64	216	41	......	41	251	174	......	......	33
Consolidation Coal Co., The	No. 27	20	34	10	10	74	14	......	14	88	151	......	......	9
Consolidation Coal Co., The	No. 29	23	63	10	45	141	24	......	24	165	156	......	......	16
Consolidation Coal Co., The	No. 32	20	140	24	78	262	40	......	40	302	201	......	......	27
Consolidation Coal Co., The	No. 33	7	13	3	8	31	7	......	7	38	50	......	......	3
Consolidation Coal Co., The	No. 35	4	32	4	14	54	16	......	16	70	46	......	......	11
Consolidation Coal Co., The	No. 39	2	34	7	20	63	18	......	18	81	97	......	......	6
Consolidation Coal Co., The	No. 40	39	135	22	70	266	28	......	28	294	166	......	......	21
Consolidation Coal Co., The	No. 42	10	30	10	24	74	12	......	12	86	51	......	......	7
Consolidation Coal Co., The	No. 44	2	13	4	7	26	7	......	7	33	57	......	......	6
Consolidation Coal Co., The	No. 48	18	35	10	17	80	15	......	15	95	146	......	......	10
Consolidation Coal Co., The	No. 49	53	59	24	59	195	17	......	......	......	......	......	......	......
Consolidation Coal Co., The	No. 50	......	33	6	14	53	15	......	15	68	59	......	......	7
Consolidation Coal Co., The	No. 51	31	80	20	51	182	27	......	27	209	151	......	......	18
Consolidation Coal Co., The	No. 52	8	28	10	22	68	17	......	17	85	64	......	......	13
Consolidation Coal Co., The	No. 54	5	46	8	28	87	14	......	14	101	157	......	......	14
Consolidation Coal Co., The	No. 55	20	59	10	56	145	25	......	25	170	101	......	......	10
Consolidation Coal Co., The	No. 58	8	11	3	10	32	8	......	8	40	49	......	......	6

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
HARRISON CO.—Continued														
Consolidation Coal Co., The	No. 60	5	12	1	9	27	4	....	4	31	66	....	....	5
Consolidation Coal Co., The	No. 62	7	28	8	22	65	15	....	15	80	136	....	....	10
Consolidation Coal Co., The	No. 64	3	17	6	11	37	12	....	12	49	60	....	....	12
Consolidation Coal Co., The	No. 65	....	25	8	18	51	10	....	10	61	50	....	....	7
Consolidation Coal Co., The	No. 66	....	77	10	33	120	22	....	22	142	164	....	....	12
Corona Coal & Coke Co	Harold	6	10	3	13	32	7	....	7	39	230	....	....	3
Fairmont & Baltimore C. & C. Co.	Fairmont	20	1	3	16	60	12	....	12	72	189	....	....	9
Fairmont & Clarksburg Coal Co.	Phoenix	....	12	4	5	21	6	....	6	27	41	....	....	4
Francois Coal & Coke Co	Norwood	15	25	4	13	57	10	....	10	67	265	....	....	8
Harry B. Coal & Coke Co	Pitcairn	45	60	8	11	124	15	....	15	139	235	....	....	15
Hygrade Coal Co	Page	16	....	....	3	19	4	....	4	23	72	....	....	2
Haywood Coal Mining Co	Monroe	5	20	6	8	39	5	....	5	44	133	....	....	4
Hutchinson Coal Co	Delta	6	30	6	13	55	8	....	8	63	189	....	....	5
Hutchinson Coal Co	Erie Nos. 1-2	....	75	14	26	115	26	....	26	141	231	....	....	13
Hutchinson Coal Co	Florence	11	55	10	21	97	10	....	10	107	217	....	....	8
Hutchinson Coal Co	Girard Nos. 1-2	25	35	14	23	97	16	....	16	113	199	....	....	10
Hutchinson Coal Co	Hutchinson Nos. 2-3	10	100	22	58	190	31	....	31	221	218	....	....	18
Hutchinson Coal Co	McCandlish	....	106	16	41	163	25	....	25	188	284	....	....	14
Hutchinson Coal Co	York	25	....	....	6	31	5	....	5	36	119	....	....	4
Johnston-McIntire Coal Co	Gilbert	20	....	....	4	24	....	....	....	24	70	....	....	3
Klinctelter & Co., J. S.	Page	13	6	2	1	22	7	....	7	29	120	....	....	3
Lambert Run Coal Co	Clauson	15	35	8	18	76	9	....	9	85	220	....	....	....
Long Coal Co., The J. E.	Burke	14	....	....	2	16	3	....	3	19	62	....	....	3
Maderia-Hill-Clark Coal Co	Goff	40	....	....	16	56	9	....	9	63	151	....	....	11
Maderia-Hill-Clark Coal Co	Randolph	3	75	25	40	143	20	....	20	163	158	....	....	9
Maderia-Hill-Clark Coal Co	Waldo	40	....	....	15	55	14	....	14	69	160	....	....	8
Marion Gas Coal Co	Bingamon	1	63	10	29	103	20	....	20	123	56	....	....	8
Marshall Coal Co	Marshall	....	100	24	32	156	25	....	25	181	135	....	....	16
Monongah Fuel Co	Gallihue	20	....	....	4	24	5	....	5	29	204	....	....	3
National Coal Co	National	16	....	....	7	23	3	....	3	26	42	....	....	6
Orr Col Mining Co	Miller No. 1	....	40	4	8	52	10	....	10	62	157	....	....	6
Orr Coal Mining Co	Miller No. 2	....	40	4	8	52	10	....	10	62	157	....	....	6
Orr-Shields Coal Co	Phoenix	....	13	4	5	22	6	....	6	28	50	....	....	4
Overholt Coal Co	Overholt	4	6	2	3	15	2	....	2	17	182	....	....	3

Righter Coal & Coke Co	Righter	60			25	85	9		9	94	205			13
Rosebud Fuel Company	Rosebud No. 1	25	2	2	5	32	4		4	36	100			3
Rosebud Fuel Company	Rosebud No. 2	15	30	10	10	65	11		11	76	160			7
Taylor Collieries Co	Taylor, No. 1	2	10	5	6	21	10		10	31	134			4
Templeton Coal Co	Fowler No. 2	25			5	30	4		4	34	170			4
Vincent Coal Co	Grasselli	21			7	28	6		6	34	230			6
Virginia-Maryland Coal Corp	Willard Nos. 1-2-3	12	69	32	25	138	16		16	154	187			19
Winchester Coal Co	Winchester	3	26	4	6	39	4		4	43	183			6
Totals		944	2,382	524	1,337	5,187	881	16	897	6.084	137		33	600
KANAWHA COUNTY														
Belmont Coal Co	Belmont		65	10	36	111	17		17	128	232			15
Black Band Fuel Co	Black Band No. 1		39	6	22	67	13		13	80	253			
Black Band Fuel Co	Black Band No. 2	3	30	4	10	47	13		13	60	216			
Blue Creek Coal & Land Co	Blakeley No. 2	1	34	7	13	55	9		9	64	149			7
Blue Creek Coal & Land Co	Blakeley No. 3	20	20	3	12	55	11		11	66	158			4
Blue Creek Coal & Land Co	Blakeley No. 5		5	2	3	10				10	120			2
Cabin Creek Cons. Coal Co	Acme		16	4	8	28	20		20	48	197			2
Cabin Creek Cons. Coal Co	Belleclare	35	8	4	18	65	10		10	75	244			10
Cabin Creek Cons. Coal Co	Black Tulip	8	36	10	14	68	8		8	76	166			11
Cabin Creek Cons. Coal Co	Buckeye	7	36	12	14	69	5		5	74	208			10
Cabin Creek Cons. Coal Co	Caledonia		10	4	5	19	2		2	21	251			3
Cabin Creek Cons. Coal Co	Cherokee	21	18	10	22	71	11		11	82	217			10
Cabin Creek Cons. Coal Co	Davis	10	21	10	18	59	7		7	66	184			7
Cabin Creek Cons. Coal Co	Empire		24	8	10	42	5		5	47	175			6
Cabin Creek Cons. Coal Co	Holly	8	15	8	13	44	6		6	50	190			10
Cabin Creek Cons. Coal Co	Kayford	39	10	4	33	86	31		34	120	150			13
Cabin Creek Cons. Coal Co	Keystone	14			7	21	5		5	26	157			4
Cabin Creek Cons. Coal Co	Quarrier	25	11	8	18	62	6		6	68	176			8
Cabin Creek Cons. Coal Co	Raccoon No. 1	1	48	16	26	91	8		8	99	208			11
Cabin Creek Cons. Coal Co	Raccoon No. 2 East	2	29	6	19	56	9		9	65	201			10
Cabin Creek Cons. Coal Co	Raccoon No. 2 West	12	28	8	22	70	9		9	79	200			8
Cabin Creek Cons. Coal Co	Red Warrior	23	4	2	11	40	7		7	47	195			4
Cabin Creek Cons. Coal Co	Rose	3	37	10	25	75	11		11	86	214			8
Cabin Creek Cons. Coal Co	Ruby		46	6	16	68	7		7	75	245			5
Cabin Creek Cons. Coal Co	Shamrock	11	50	16	44	121	10		10	131	255			15
Cabin Creek Cons. Coal Co	Thistle	38	2	2	13	55	8		8	63	157			12
Cabin Creek Cons. Coal Co	United Gas	45			30	75	14		14	89	276			18
Cabin Creek Cons. Coal Co	United Splint	5	32	10	14	61	9		9	70	208			9
Chesapeake Mining Co	Nos. 1-2		55	12	15	82	15		15	97	141			15
Coalburg Colliery Co	Ronda		80	6	60	146	15		15	161	156			18
Coalburg-Kanawha Coal Co., The	A		30	4	13	47	12		12	59	259			6
Coalburg-Kanawha Coal Co., The	B		55	8	16	79	12		12	91	260			8
Campbell's Creek Coal Co., The	No. 1		162	18	78	258	35		35	293	237			34
Campbell's Creek Coal Co., The	No. 3		59	10	31	100	7		7	107	247			8
Cannelton Coal & Coke Co	No. 1		225	16	125	366	32		32	398	137			37
Carbon Coal Co	Eagle		30	4	12	46	6		6	52	162			5
Carbon Coal Co	Carbon Splint		60	8	24	92	6		6	98	117			7
Carbon Coal Co	South Carbon	16	20	6	13	55	3		3	58	145			2

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
KANAWHA CO.—Continued														
Dry Branch Coal Co	Dry Branch		62	12	16	90	17		17	107	180			19
East Bank Mining Co	East Bank	20			4	24	2		2	26	210			2
Eureka Coal Co	Eureka Nos. 1-3-4		30	6	7	43	4		4	47	173			
Eureka Coal Co	Eureka No. 6		35	6	8	49	2		2	51	171			3
Hackett Coal Co	Hackett No. 1	10			6	16	4		4	20	135			2
Imperial Colliery Co	Imperial No. 1		54	6	26	86	11		11	96	165			8
Imperial Colliery Co	Imperial No. 3		45	6	31	82	15		15	97	127			5
Imperial Colliery Co	Imperial No. 4		21	4	6	31	1		1	32	104			2
Pen Mar Mining Co. (Jacob Householder)	Imperial No. 3	8			1	9	1		1	10	175			2
Kanawha River Coal Co	No. 2 Gas		9	2	1	12				12	64			1
Kelley's Creek Colliery Co	No. 1		78	6	26	110	8		8	118	165			4
Kelley's Creek Colliery Co	No. 3 and 3½		118		55	173	17		17	190	181			22
Lewis Coal Co	Lewis No 2		50	6	12	68	7		7	75	272			4
Lewiston Block Coal Co	Lewiston	21			1	22	3		3	25	120			2
Marmet Coal Co., The	Black Band		42	12	18	72	10		10	82	160			
Marmet Coal Co., The	Monarch		34	14	17	65	15		15	80	128			15
Marmet Coal Co., The	New Butler		30	8	8	46	4		4	50	160			15
Mill Creek Cannel Mining Co.	Villa	15			4	19	5		5	24	45			5
Montgomery Coal Co	Kanawha	20	18	8	12	58	17		17	75	75			6
Morris Fork Coal Co	Turner No. 2	4	38	8	16	66	9		9	75	221			9
National Bituminous C. & C. Co...	No. 1		26	8	8	42	8		8	50	135			10
National Bituminous C. & C. Co...	No. 2		60	10	21	91	11		11	102	239			13
Paint Creek Colliery Co	Banner		19	6	18	43	8		8	51	73			4
Paint Creek Colliery Co	Grose		42	6	22	70	47		47	117	97			8
Paint Creek Colliery Co	Paint Creek		122	18	67	207	29		29	236	108			6
Paint Creek Colliery Co	Reynolds		60	10	20	90	12		12	102	85			10
Paint Creek Colliery Co	Scranton		64	10	43	117	10		10	127	97			12
Paint Creek Colliery Co	Wacomah		25	6	15	46	12		12	58	110			5
Quincy Coal Co	No. 1		5	2	3	10				10	113			
Quincy Coal Co	No. 2	3	30	6	6	45	13		13	58	113			7
Republic Coal Co	No. 1	18	12	2	12	44	4		4	48	148			4
Republic Coal Co	No. 2	35			11	46	5		5	51	156			5
Republic Coal Co	No. 3	25	10	2	12	49	8		8	57	165			3

Republic Coal Co	No. 5	....	19	2	11	32	5	....	5	37	159	....	....	....
Standard Kanawha C. Mining Co	Coalridge No. 1	....	80	16	11	107	18	....	18	125	200	....	....	9
Standard Kanawha C. Mining Co	Acme No. 2	30	....	....	4	34	6	....	6	40	75	....	....	4
Standard Splint & Gas Coal Co	Standard	32	50	10	27	119	13	....	13	132	156	....	....	10
Southwestern Splint Fuel Co	Black Cat	....	40	6	14	60	8	....	8	68	247	....	....	6
Sunday Creek Coal Co	No. 101	....	30	6	12	48	10	....	10	58	96	....	....	10
Sunday Creek Coal Co	No. 104	....	60	10	20	90	14	....	14	104	103	....	....	10
Sunday Creek Coal Co	No. 105	15	100	16	44	175	23	....	23	198	154	....	....	10
Sunday Creek Coal Co	No. 108	2	70	10	20	102	9	....	9	111	169	....	....	10
Virginia Coal Co	Virginia	....	60	6	6	72	4	....	4	76	160	....	....	7
Wake Forest Mining Co	Wake Forest	30	34	4	20	88	7	....	7	95	200	....	....	12
West Virginia Colliery Co	No. 1	29	15	2	18	64	12	....	12	76	165	....	....	14
West Virginia Colliery Co	No. 3	18	50	8	27	103	15	....	15	118	190	....	....	13
West Virginia Colliery Co	No. 4	10	28	4	19	61	7	....	7	68	158	....	....	12
Winifrede Coal Co	Winifrede N. S & West	158	98	12	104	372	64	....	64	436	188	....	....	48
Wyatt Coal Co	Berlin	12	36	10	18	76	7	....	7	83	195	....	....	12
Wyatt Coal Co	Horton	25	75	8	50	158	10	....	10	168	205	....	....	15
Wyatt Coal Co	Oakley	9	26	8	20	63	8	....	8	71	190	....	....	10
Totals	....	896	3,460	610	1,861	6,827	979	....	979	7,806	170	....	....	777
LEWIS COUNTY														
Burrows Coal Co	Polar	8	....	....	2	10	4	....	4	14	6	....	....	3
Totals	....	8	....	....	2	10	4	....	4	14	6	....	....	3
LINCOLN COUNTY														
Branchland Coal Co	Branchland	....	22	10	12	44	6	....	6	50	265	....	....	10
Guyan River Coal Co	Guyan River	....	8	4	3	15	5	....	5	20	219	....	....	2
Totals	....	....	30	14	15	59	11	....	11	70	242	....	....	12
LOGAN COUNTY														
Amherst Coal Co	No. 102	....	79	8	15	102	21	....	21	123	225	....	....	5
Araeoma Coal Co	Araeoma Nos. 1-2	....	81	8	20	109	45	....	45	154	200	....	....	....
Argyle Coal Co	Argyle	....	26	4	12	42	9	....	9	51	244	....	....	5
Avon Coal Co., The	Avon	....	70	10	25	105	14	....	14	119	195	....	....	6
Bengal Coal Co	Bengal	25	2	2	6	35	5	....	5	40	192	....	....	2
Black Hawk Colliery Co	Black Hawk	22	....	....	3	25	3	....	3	28	178	....	....	3
Buffalo Eagle Colliery Co	Buffalo Eagle	....	17	2	8	27	4	....	4	31	278	....	....	1
Buffalo Eagle Colliery Co	Buffalo Eagle No. 2	....	12	2	5	19	3	....	3	22	142	....	....	....
Coal River Coal & Coke Co	Dobra	....	45	8	17	70	7	....	7	77	227	....	....	....
Coal Valley Mining Co	Sylvia	....	61	6	14	81	10	....	10	91	251	....	....	....
Cora Coal & Coke Co	Cora	....	46	8	17	71	10	....	10	81	160	....	....	1
Crown Coal & Coke Co	Crown	....	25	4	12	41	8	....	8	49	150	....	....	6
Cub Fork Coal Co	Cub Fork	....	35	4	12	51	9	....	9	60	202	....	....	5
Draper Coal & Coke Co	Draper	....	30	10	14	54	8	....	8	62	139	....	....	3
Eagle Island Coal Co	Kistler	....	20	4	8	32	8	....	8	40	180	....	....	....
Ethel Coal Co., The	Ethel Nos. 1-2	20	60	14	60	154	30	....	30	184	218	....	....	17
Ft. Branch Coal Corporation	Ft. Branch	....	40	6	10	56	10	....	10	66	260	....	....	6

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES — INSIDE — Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	OUTSIDE — Laborers	Coke Workers	Totals	Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
LOGAN CO.—Continued														
Frieze Fork Coal Mining Co	Frieze Fork		20	4	9	33	7		7	40				
Gay Coal & Coke Co	Gay	4	58	8	39	109	18		18	127	175			13
George's Creek Coal Co., Inc.	George's Creek		28	4	11	43	13		13	56				4
Guyandotte Coal Co	Guyandotte	5	20	6	8	39	10		10	49	186			4
Huddleston Coal & Coke Co	Huddleston		25	2	8	35	10		10	45	195			1
Island Creek Colliery Co	Switzer		75	6	23	104	34		34	138	229			7
Island Creek Block Coal Co	Anthony	19			4	23	3		3	26	135			3
Johnson Coal Mining Co., E. R.	Nos. 1-2		23	4	7	34	4		4	38	209			
Jones-Parsons Coal Co	Idamay	30			9	39	7		7	46	160			4
Kohinoor Coal & Coke Co	Kohinoor		60	8	25	93	13		13	106	156			7
Lincoln Coal Mining Co	Lincoln	5	10	4	5	24	4		4	28	101			
Litz-Smith Coal Co	Litz-Smith		15	2	4	21	2		2	23	128			2
Logan Coal Co	Logan		55	8	26	89	22		22	111	193			14
Logan Mining Co	Earling	6	34	8	23	71	15		15	86	185			2
Logan Mining Co	Manitoba	5	35	8	13	61	14		14	75	189			4
Logan Mining Co	Mona		34	6	8	48	17		17	65	206			3
Logan Mining Co	Wanda	6	37	10	17	70	19		19	89	195			8
Long Flame Coal Co	Long Flame		35	4	17	56	7		7	63	163			2
Lorain Coal & Dock Co., The	Lorado		30	4	9	43	6		6	49	90			2
Main Island Creek Coal Co	Nos. 2-3		45	5	20	70	5		5	75	121			
Main Island Creek Coal Co	No. 4		180	20	80	280	20		20	300	229			
Main Island Creek Coal Co	Nos. 5-6		90	10	40	140	10		10	150	167			
Maher-Pursglove Mining Co	No. 5		25	6	5	36	10		10	46	83			5
Manbor Coal Co	Manbor		15	2	8	25	2		2	27	152			3
Mifflin Coal Co	Nos. 1-2		32	6	10	48	9		9	57	240			4
Monitor Coal & Coke Co	Monitor Nos. 1-3 and Beechwood	27	127	20	78	252	43		43	295	190			18
McGregor Coal Co	McGregor		74	14	28	116	10		10	126	250			8
Opperman Coal Co., The	Opperman		35	4	7	46	7		7	5	20[illegible]			3
Paragon Colliery Co	Paragon		50	8	25	83	15		15	9	22[illegible]			12
Rex Coal & Coke Co	Rex		52	10	14	76	16		16	92	19[illegible]			9
Rich Creek Coal Co	Wilburn		16	4	6	26	7		7	33	17			
Ruffner Coal Co	Ruffner		10	2	1	13	2		2	15	86			
Shamrock Coal Co	Litz-Smith		42	6	10	58	8		8	66	13[illegible]			7

Spruce Bend Coal Co.	Sharples		30	6	12	48	10		10	58	100			6
Spruce Valley Coal Co.	Spruce Valley	10	52	6	15	83	12		12	95	192			1
Stone Branch Coal Co.	Stone Branch	8	45	14	10	77	15		15	92	164			3
Sovereign Coal Company	Sovereign		49	6	14	69	6		6	75	190			4
Sunbeam Coal Company	Sunbeam		23	4	10	37	8		8	45	198			
Summers Coal Co.	Summers		18	2	5	25	3		3	28	150			3
Thomas Coal Co., D. C.	Grace		30	4	15	49	6		6	55	172			6
United States Coal & Oil Co.	Island Creek No. 1		150	12	65	227	26		26	253	157			
United States Coal & Oil Co.	Island Creek No. 2		58	6	28	92	14		14	106	142			
United States Coal & Oil Co	Island Creek No. 3		82	8	27	117	20		20	137	145			
United States Coal & Oil Co	Island Creek No. 4		118	10	34	162	19		19	181	144			
United States Coal & Oil Co.	No. 6		76	8	25	109	12		12	121	152			
United States Coal & Oil Co.	No. 7		103	12	55	170	24		24	194	154			
United States Coal & Oil Co.	No. 8		114	10	56	180	24		24	204	143			
United States Coal & Oil Co.	No. 10		49	6	13	68	5		5	73	150			
United States Coal & Oil Co.	No. 11		60	6	22	88	8		8	96	104			10
United States Coal & Oil Co.	No. 12		62	8	25	95	9		9	104	104			7
Virginia-Buffalo Coal Co	Virginia-Buffalo		15	4	9	28	5		5	33	180			6
Wilson Coal Co.	Wilson		50	10	17	77	10		10	87	216			
Yuma Coal & Coke Co., The	Yuma		63	8	28	99	14		14	113	191			
Totals		192	3,283	463	1,340	5,278	843		843	6,121	174			255
MARION COUNTY														
Buttermore Coal Co., J J.	Elizabeth	12			2	14	1		1	15	132			2
Catawba Coal Co.	Catawba	10			3	13	2		2	15	169			2
Consolidation Coal Co., The	No. 22	88	148	15	82	333	97		97	430	224			32
Consolidation Coal Co., The	No. 24	50	55	20	60	185	40		40	225	92			20
Consolidation Coal Co., The	No. 26	55	131	22	83	291	67		67	358	183			28
Consolidation Coal Co., The	No. 28	22	33	2	33	90	17		17	107	63			12
Consolidation Coal Co., The	No. 36	87		19	60	166	21		21	187	191			19
Consolidation Coal Co., The	No. 38	84	94	15	68	261	34		34	295	111			20
Consolidation Coal Co., The	No. 43	76	102	18	118	314	28	52	80	394	236			25
Consolidation Coal Co., The	No. 45	68			21	89	13		13	102	101			9
Consolidation Coal Co., The	No. 47	33	40	15	49	137	42		42	179	173			22
Consolidation Coal Co., The	No. 53	26	66	3	34	129	17		17	146	76			15
Consolidation Coal Co., The	No. 56	51	50	14	52	167	35		35	202	56			17
Consolidation Coal Co., The	No. 59	15			7	22	3		3	25	290			2
Consolidation Coal Co., The	No. 63	103	142	20	126	391	30		30	421	215			26
Consolidation Coal Co., The	No. 68	43			26	69	13		13	82	228			9
Consolidation Coal Co., The	No. 82	2				2				2	180			1
Consolidation Coal Co., The	No. 84	12	169	20	69	370	29		29	399				23
Consolidation Coal Co., The	No. 85	2				2				2	312			1
Dakota Coal & Coke Co.	Dakota No. 2	20	60	14	88	182	29		29	211	260			16
Fairmont & Cleveland Coal Co.	Parker Run	6	66	10	22	104	13		13	117	185			10
Federal Coal & Coke Co.	Federal	68	300	68	137	573	55		55	628	307			11
Four States C. & C. Co., Receiver	Annabelle	45	203	40	159	447	58		58	505	184			
Harry B. Coal Co.	Junior & Harry	40			16	56	4		4	60	240			10
Jamison Coal & Coke Co.	Jamison No. 7	23	110	40	70	243	80		80	323	249			22
Jamison Coal & Coke Co.	Jamison No. 8	57	100	54	107	318	57		57	375	259			28

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES									Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals	Sum Totals				
MARION CO.—Continued														
Jamison Coal & Coke Co	Jamison No. 9	12	123	58	79	272	44		44	316	255			27
McCoy Coal Co	McCoy	3				3	1		1	4	200			
New Central Coal Co	Stafford	33	77	27	68	205	47		57	252	227			9
Phillips Coal Co	Phillips	15			2	17	6		6	23	98			2
Robinson Coal Co	James	3			1	4				4	200			1
Virginia & Pittsburg C. & C. Co.	Kingmont	200			80	280	44	3	47	327	290	290	10	24
Virginia & Pittsburg C. & C. Co.	Morgan	85			28	113	10		10	123	250			11
Totals		1,449	2,069	494	1,750	5,762	937	55	992	6,754	195	290	10	445
MARSHALL COUNTY														
Ben Franklin Coal Co. of W. Va.	Panama		99	8	13	120	14		14	134	110			
Glendale Coal Co	Glendale		75	8	20	103	16		16	119	210			8
Hitchman Coal & Coke Co.	Hitchman		320	36	74	430	50		50	480	285			22
Kunz Brothers & Miller	Boggs Run	8			2	10				10	173			2
Mound Coal Co	Mound		98	10	25	133	23		23	156	185			6
Mound City Coal Company	Mound City	(Same as	Mound)											
Parrs Run Coal Co	Parrs Run		70	10	11	91	14		14	105	200			3
Wheeling Steel & Iron Co.	Benwood		93	10	23	126	17		17	143	216			
Totals		8	755	82	168	1,013	134		134	1,147	175			47
MASON COUNTY														
Hutchinson Coal Co	Linden		80	12	35	127	26		26	153	230			11
Jackson Coal & Mining Co	Jackson		25	6	10	41	10		10	51	252			2
Newton, J. M. & D. E., Co.	Sliding Hill		14	4	6	24	5		5	29	240			2
Totals			119	22	51	192	41		41	233	241			15
McDOWELL COUNTY														
Arlington Coal & Coke Co.	Arlington	88			45	133	32	45	77	210	170			11
Algoma Coal & Coke Co.	Algoma	60	30	6	99	195	35		35	230	160			18
Ashland Coal & Coke Co.	Ashland & Graeber	55	65	16	51	187	40	20	60	247	180	200	50	33
Bell Coal & Mining Co.	Vaughan	40			22	62	8		8	70	150			7

Bottom Creek Coal & Coke Co.	Bottom Creek No. 1	27	29	4	70	130	45		45	175	89			30
Bottom Creek Coal & Coke Co.	Bottom Creek No. 2	17	30	4	30	81	16		16	97	96			14
Black Wolf Coal & Coke Co.	Black Wolf		25	4	22	51	16		16	67	210			12
Buchanan Coal Co.	Buchanan	17			7	24	1		1	25	260			3
Carter Coal Co.	Caretta	6	105	16	67	194	30		30	224	228			
Carter Coal Co.	No. 1 West	6			4	10	2		2	12	205			
Carter Coal Co.	No. 2 East & West	22			12	34	3		3	37	230			
Carter Coal Co.	Nora	10	60	6	41	117	13		13	130	272			
Carter Coal Co.	Olga		30	10	65	105	20		20	125	176			6
Carter Coal Co.	Six	25	120	16	74	235	29		29	264	281			
Central Pocahontas Coal Co.	Nos. 1-2	28			10	38	8		8	46	210			13
Cirrus Coal & Coke Co.	Nos. 1-2		47	4	15	66	15		15	81	80			
Colonial Pocahontas Coal Co.	Colonial	14			2	16	4		4	20	312			
Columbus Pocahotas Coal Co.	Columbus-Pocahontas	10			2	12	3		3	15	60			4
Crozer Coal & Coke Co.	Nos. 1-2	120	70	4	120	314	50	40	90	404	137			27
Cumberland Cannel Coal Co.	Gem Pocahontas	15			2	17	1		1	18	240			4
Davy-Pocahontas Coal Co.	Nos. 1-2	26	18	4	20	68	12		12	80	248			9
Dry Fork Colliery Co.	Dry Fork	39		2	20	61	14		14	75	221			8
Elkhorn Coal & Coke Co.	Elkhorn	110			80	190	35	16	51	241	248	365	50	24
Empire Coal & Coke Co., The	Empire	167			78	235	58	24	82	327	180			28
Elk Ridge Coal & Coke Co.	Elk Ridge	70			40	110	25	16	41	151	162	179	50	20
Eureka Coal & Coke Co.	Eureka	85			60	145	15	21	30	181	151	312	50	28
Excelsior Pocahontas Coal Co.	Excelsior		67	10	41	118	22		22	140	221			
Extrapoca Coal Co.	Extrapoca	15			5	20	2		2	22	220			4
Evans Coal Co.	Evans	30			10	40	3		3	43	210			5
Flanagan Coal Co.	Flanagan No. 1		12	2	6	20	3		3	23	135			4
Flanagan Coal Co	Flanagan No. 2	25			14	39	6		6	45	197			4
Flat Top Coal Mining Co.	Thomas	45			20	65	8		8	73	248			8
Fortune Hunter Coal Co.	Fortune Hunter	10			11	21	4		4	25	263			5
Gilliam Coal & Coke Co.	Gilliam	70	28	4	55	157	49	28	77	234	180	210	75	12
Greenbrier Coal & Coke Co.	Greenbrier	65			43	108	40		40	148	174			24
Hemphill Colliery Co.	Hemphill	10			2	12	1		1	13	250			2
Henrietta Pocahontas Coal Co.	Henrietta	20			5	25	4		4	29	200			4
Houston Coal & Coke Co.	Nos. 1-2	140			65	205	30	40	70	275	200	300	150	38
Houston Collieries Co.	Carswell	6	6	4	51	67	60		60	127	300			
Houston Collieries Co.	Hugar		66	8	80	154	38	25	63	217	200	270	80	
Indian Ridge Coal & Coke Co.	Indian Ridge	40	35	6	28	109	15		15	124	300			15
J. B. B. Coal Co.	Nos 1-2-3-4	274	8	20	135	437	35		35	472	228			54
John's Branch Coal Co.	No. 1	17			11	28	6		6	34	240			9
Lake Superior Coal Co.	No. 1		75	6	40	121	25		25	146	219			
Lake Superior Coal Co.	No. 2		35	6	16	57	10		10	67	213			
Lathrop Coal Co.	Lathrop		58	6	35	99	20		20	119	210			
Lone Jack Coal Mining Co.	Lone Jack	21			4	25	3		3	28	108			3
Lynchburg Coal & Coke Co.	Lynchburg	115			65	180	15	25	40	220	137	312	60	33
Keystone Coal & Coke Co.	Keystone	200			78	278	30	8	38	316	250	150	80	30
King Coal Co., The	King	163			94	257	82		82	339	160			30
Kimball Pocahontas Coal Co.	Virginia	8	10	2	12	32	6		6	38	255			10
McDowell Coal & Coke Co.	McDowell	95	15	2	55	167	58	25	83	250	215	311	80	17
Mohawk Coal & Coke Co.	Mohawk		40	14	13	67	18		18	85	210			12
New Pocahontas Coal Co.	New Pocahontas	25			5	30	35		35	65	160			4

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
McDOWELL CO.—Continued														
New River & Poca Cons. C. Co.	Berwind No. 1	23	29	6	34	92	12	46	58	150	306	313	133	......
New River & Poca Cons. C. Co.	Berwind No. 2	34	24	5	25	88	11	......	11	99	276	......	......	......
New River & Poca Cons. C. Co.	Berwind No. 3	21	36	6	21	84	9	......	9	93	279	......	......	......
New River & Poca Cons. C. Co.	Berwind No. 4	15	36	4	26	81	10	......	10	91	276	......	......	......
New River & Poca Cons. C. Co.	Berwind No. 5	25	48	6	30	109	8	......	8	117	279	......	......	......
New River & Poca Cons. C. Co.	Havaco	......	70	10	40	120	16	......	16	136	181	......	......	2
Oregon Coal Co.	Nos. 2-3-4	21	16	14	25	76	21	......	21	97	184	......	......	15
Page Coal & Coke Co.	Page No. 1-2-3	108	35	6	84	233	83	42	125	358	121	......	......	35
Panther Coal Co.	Panther	40	......	6	19	65	37	......	37	102	264	......	......	......
Peerless Coal & Coke Co.	Peerless	125	......	......	51	176	31	......	31	207	152	......	......	19
Poca Cons. Collieries Co., Inc.	Angle	......	125	4	35	164	20	25	45	209	140	50	40	......
Poca Cons. Collieries Co., Inc.	Cherokee	......	125	6	25	156	20	......	20	176	150	......	......	......
Poca Cons. Collieries Co:, Inc.	Delta	......	130	6	30	166	15	......	15	181	125	......	......	......
Poca Cons. Collieries Co., Inc.	Lick Branch	......	135	6	35	176	20	......	20	196	140	......	......	......
Poca Cons. Collieries Co., Inc.	Norfolk	......	80	4	30	114	15	......	15	129	135	......	......	......
Poca Cons. Collieries Co., Inc.	Rolfe	......	150	8	35	193	20	......	20	213	200	......	......	......
Poca Cons. Collieries Co., Inc	Shamokin	......	146	6	35	181	25	......	25	206	145	......	......	......
Poca Cons. Collieries Co., Inc.	Pocahontas No. 6	......	140	8	40	188	40	......	40	228	130	......	......	......
Poca Cons. Collieries Co., Inc.	Pocahontas No. 7	......	125	6	25	156	25	......	25	181	100	......	......	......
Poca Cons. Collieries Co., Inc.	Pocahontas No. 8	......	90	6	25	121	15	......	15	136	100	......	......	......
Pocahontas Domestic Coal Co.	Scorpion	20	28	2	15	63	5	......	5	68	219	......	......	9
Pocahontas Smokeless Coal Co.	Slick Rock	35	......	......	10	45	9	......	9	54	190	......	......	6
Powhatan Coal & Coke Co.	Powhatan	98	41	8	75	222	48	43	91	313	173	312	60	40
Premier Poca. Collieries Co.	Nos. 1-2-3-4	252	......	......	71	323	79	......	79	402	223	......	......	......
Pulaski Iron Co.	Nos. 1-2-3	98	24	6	112	240	60	74	134	374	194	304	246	35
Roanoke Coal & Coke Co.	Roanoke	59	8	2	15	84	24	......	24	108	124	......	......	14
Solvay Collieries Co.	Big Sandy	49	......	2	33	85	18	......	18	103	209	......	......	4
Solvay Collieries Co.	Marytown	106	6	4	41	157	30	......	30	187	249	......	......	18
Shawnee Coal & Coke Co.	Shawnee	70	......	......	45	115	15	20	35	150	150	200	66	20
Standard Pocahontas Coal Co.	Standard Pocahontas	......	45	6	42	93	23	......	23	116	250	......	......	14
Superior Pocahontas Coal Co.	Blackstone	28	......	......	15	43	3	......	3	46	261	......	......	5
Superior Pocahontas Coal Co.	Cletus	......	52	8	20	80	5	......	5	85	261	......	......	6
Superior Pocahontas Coal Co.	Davy Crockett	46	......	......	24	70	4	......	4	74	261	......	......	10
Superior Pocahontas Coal Co.	Helena	65	......	......	18	83	7	......	7	90	261	......	......	11

Tidewater Coal & Coke Co.	Tidewater	134			88	222	62		62	284	170			30
Turkey Gap Coal & Coke Co.	Turkey Gap	69			19	88	21		21	109	175			17
United States Coal & Coke Co.	No. 2	61	55	6	32	154	31		31	185	173			35
United States Coal & Coke Co.	No. 3	12	42	6	17	77	91		91	168	173			27
United States Coal & Coke Co.	No. 4	29	73	8	31	141	28		28	169	173			23
United States Coal & Coke Co.	No. 5	16	55	4	15	90	15		15	105	173			13
United States Coal & Coke Co.	No. 6	51	96	10	51	208	37		37	245	173			44
United States Coal & Coke Co.	No. 7	45	99	6	40	190	39		39	229	173			29
United States Coal & Coke Co.	No. 9	56	52	8	55	171	46		46	217	173			30
United States Coal & Coke Co.	No. 10		90	8	43	141	32		32	173	173			29
United States Coal & Coke Co.	No. 11		94	10	36	140	36		36	176	173			26
Upland Coal & Coke Co.	Upland No. 1	130			60	190	25	23	48	238	146	312	70	34
War Creek Coal Co.	No. 1	22			12	34	7		7	41	240			9
Welch Coal & Coke Co.	Welch	30	15	3	18	66	16		16	82	152			7
West Virginia Pocahontas Coal Co.	Nos. 1-2		45	2	23	100	10		10	110				15
Yukon Pocahontas Coal Co.	No. 1		64	8	30	102	23		23	125	246			4
Zenith Coal & Coke Co.	Zenith	37	49	10	27	123	37		37	160	137			17
Totals		4,524	3,631	436	3,865	12,456	2,497	606	3,103	15,559	193	257	84	1,278
MERCER COUNTY														
Algonquin Coal Co.	Algonquin	8	10	2	8	28	30		30	58	175			2
American Coal Co.	Crane Creek	98	24	12	58	192	40	43	83	275	236	330	110	32
American Coal Co.	Piedmont		65	15	50	130	12		12	142	295			12
American Coal Co.	Pinnacle	93	21	12	60	186	66		66	252	230	222	100	31
Booth-Bowen Coal & Coke Co.	Booth-Bowen	78	8	2	39	127	30	10	40	167	132	132	30	28
Buckeye Coal & Coke Co.	Buckeye	90			65	155	14	12	26	181	119	112	25	26
Crystal Coal & Coke Co.	Nos. 1-2	99			82	181	37	38	75	256	234	313	120	28
Ennis Coal Co.	Hiawatha	20	52	6	42	120	28		28	148	185			14
Godfrey Coal Co.	Godfrey	16			4	20	4		4	24	207			4
Louisville Coal & Coke Co.	Louisville Nos. 1-2, Klondyke No. 2 & Goodwill	80	8	4	47	139	33	16	49	188	172	63	50	38
Mill Creek Coal & Coke Co.	Mill Creek & Coaldale	83	20	4	102	209	30	33	63	272	244	313	100	25
Modoc Coal Mining Co.	Modoc	18	12	2	7	39	7		7	46	230			6
Patterson Coal Co., S. J.	Arista Nos. 1-2		23	4	15	42	9		9	51	148			
Poca. Cons. Collieries Co.	Caswell Creek	85	60	4	35	184	25		25	209	155			25
Poca. Cons. Collieries Co.	Sagamore Nos. 1-2		140	12	35	187	30		30	217	140			
Poca. Cons. Collieries Co.	West Mine	15			5	20				20	150			4
Pawama Coal & Coke Co.	Pawama	24	22	2	16	64	11		11	75	211			15
Smokeless Coal & Coke Co.	Smokeless	5	25	4	8	42	5		5	47	200			10
Solvay Collieries Co.	Spring Colliery	28	47	8	42	125	16		16	141	260			12
Thomas Coal Co., The	No. 1	100			58	158	30	35	65	223	214	294	100	20
Thomas Coal Co., The	No. 2	54	2	2	20	78	14		14	92	180			8
Turkey Gap Coal & Coke Co.	Winonah	6	78	8	20	112	25		25	137	115			18
Weyanoke Coal & Coke Co., The	Weyanoke & Elihu	17	89	8	33	147	28		28	175	181			2
Totals		1,017	706	111	851	2,685	524	187	711	3,396	192	218	79	360

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

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		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
MINERAL COUNTY														
Abrams Creek Coal & Coke Co.	Oakmont No. 1	50	50	5	6	111	10		10	121	75			9
Big Vein Coal Co. of West Va.	Bakerstown	32			5	37	5		5	42	216			4
Carroll Cross Coal Co.	Cross & Imperial	42			6	48	4		4	52	200			6
Davis Coal & Coke Co., The	No. 6	40			1	41	5		5	46	305			6
Davis Coal & Coke Co., The	No. 14	80			12	92	9		9	101	273			12
Davis Coal & Coke Co., The	No. 19 Montgomery Run.	64			14	78	30		30	108	114			6
Davis Coal & Coke Co., The	No. 20	55			16	71	8		8	79	182			8
Davis Coal & Coke Co., The	No. 50	48			7	55	4		4	59	125			4
Davis Coal & Coke Co., The	No. 51	78			7	85	7		7	92	128			
Glade Run Coal & Coke Co.	Florence	20			3	23	2		2	25	60			3
Gleason Coal & Coke Co.	Gleason	6	70	4	14	94	12		12	106	275			9
Grafton Minnig Co.	Blaine No. 2	19			5	24	4		4	28	196			3
Harris, O. D. & Sons Coal Co.	Harris No. 2	6			2	8	1		1	9	172			1
Masteller Coal Co., The	Hampshire, Nos. 1-2-3	64			9	73	12		12	85	170			6
Masteller Coal Co., The	New Creek	46			9	55	5		5	60	150			4
Totals		650	120	9	116	895	118		118	1,013	169			81
MINGO COUNTY														
Buffalo Collieries Co.	Buffalo		52	14	43	109	33		33	142	230			7
Crystal Block Coal & Coke Co.	Winifrede & Coalburg		45	6	20	71	20		20	91	240			9
Glen Alum Coal Co.	Nos. 1-2-3		66	6	131	203	72		72	275	221			10
Glen Alum Coal Co.	No. 4		60	6	55	121	12		12	133	221			4
Grey Eagle Coal Co.	Grey Eagle		25	6	8	39	9		9	48	240			6
Howard Junior Coal Co.	Howard Junior		32	24	39	95	48		48	143	214			20
Howard Colliery Co.	Frederick		21	16	27	64	37		37	101	203			13
Howard Colliery Co.	Howard Colliery		26	18	32	76	41		41	117	220			22
Magnolia Coal & Coke Co.	Magnolia		17	12	9	38	12		12	50	240			4
Margaret Mining Co.	Margaret		19	6	10	35	5		5	40	220			8
Mary Helen Coal Co.	Mary Helen		50	8	42	100	38		38	138	225			2
Naugatuck Coal Co., The	Naugatuck	8	39	4	13	64	19		19	83	227			7
Red Jacket Junior Coal Co.	Red Jacket Junior		72	12	74	158	23		23	181	192			
Red Jacket Cons. Coal & C. Co.	Grapevine		60	4	25	89	20		20	109	151			15

Red Jacket Cons. Coal & C. Co.	Mitchell Bch & Rutherford		100	16	147	263	101		101	364	190			
Red Jacket Cons. Coal & C. Co.	Red Jacket	24		4	12	40	4		4	44	243			6
Sternberger Coal Co., E. L.	Sternberger		34	10	14	58	26		26	84	228			11
Stone Mountain Coal Corp.	Marvin		40	6	22	68	9		9	77	200			
Superior Thacker Coal & C. Co.	Williamson No. 1		10	2	8	20	2		2	22	240			5
Sycamore Coal Co.	Cinderalla		78	14	60	152	47		47	199	216			18
Thacker Coal & Coke Co.	Nos. 3-8-9		39	22	26	87	30		30	117	180			32
Thacker Coal & Coke Co.	No. 10	3			1	4	1		1	5				2
Thacker Coal & Coke Co.	Nos. 11-12-13-14	10	46	14	25	95	31		31	126	175			5
War Eagle Coal Co.	Mephisto		6	6	16	28	3		3	31	225			8
War Eagle Coal Co.	Pappoose			5	25	30	7		7	37	200			10
White Star Mining Co., The	Alma & White Star		70	8	22	100	17		17	117	196			9
Williamson Coal & Coke Co.	Winifrede		70	10	26	106	20		20	126	237			2
Totals		45	1,077	259	932	2,313	687		687	3,000	214			235
MONONGALIA COUNTY														
Antler Coal Co.	Grant	23			2	25	5		5	30	216			6
Consolidation Coal Co., The	No. 30	36			22	58	10		10	68	92			6
Elkins Coal & Coke Co.	No. 1	80			17	97	14	35	49	146	163	163	67	
Elkins Coal & Coke Co.	No. 5	24	56	7	32	119	18		18	137	283			
Great Scott Coal & Coke Co.	Great Scott	6			2	8	1		1	9	260			2
Lehigh Coal Co., The	Lehigh No. 1		20	2	6	28	20		20	48	120			
North American Coal Co.	Maidsville No. 1	8			1	9	5		5	14	131			1
Southern Connellsville Coke Co.	Marion	20			4	24	4	22	26	50	130	130	40	2
Totals		197	76	9	86	368	77	57	134	502	174	147	54	17
NICHOLAS COUNTY														
Coalbell Coal Co.	Trees Nos. 1-2		30	8	6	44	7		7	51	201			4
Pardee & Curtin Lumber Co.	Panther Ck. & Camp No. 21	8				8	1		1	9				
Saxman Coal & Coke Co., The	Nos. 1-2-3	52	2	2	13	69	9	3	12	81	275	150	6	2
Totals		60	32	10	19	121	17	3	20	141	238	150	6	6
OHIO COUNTY														
Creighton, W. F.	Creighton				6	6	1		1	7	180			
Elm Grove Coal Co.	Elm Grove	2	37	4	8	51	4		4	55	216			3
Richland Coal Co.	Richland	10	284	34	70	398	41		41	439	286			18
Peter Storch & Sons	Storch		5	2		7	3		3	10	235			1
Whitaker Glessner Co.	Carter		39	6	10	55	5		5	60	250			4
Totals		12	365	46	94	517	54		54	571	233			26
PRESTON COUNTY														
Austin Coal & Coke Co.	Austin No. 1	80	6	8	19	113	8	14	22	135	212	103	135	8
Austin Coal & Coke Co.	Austin No. 2	18	2		2	22	1		1	23	52			4
Borgamon Coal Co.	No. 1	40			14	54	10		10	64				12
Elkins Coal & Coke Co.	No. 2	152			30	182	54		54	236	244			
Elkins Coal & Coke Co.	No. 4	20	25	4	9	58	10		10	68	75			

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

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		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
PRESTON CO—Continued														
Elkins Coal & Coke Co.	No. 6	131	....	....	26	157	27	....	27	184	227	....	....	....
Gorman Coal & Coke Co.	Nos. 2-3	9	10	....	4	23	7	....	7	30	108	....	....	2
Hiorra Coke Co.	Vulcan No. 1	30	....	12	14	56	5	....	5	61	212	....	....	7
Irona Coal Co	Nos. 1-2	38	....	....	8	46	7	....	7	53	223	....	....	10
Kendall Lumber Co.	Arnold Run No. 1	7	....	....	2	9	....	....	....	9	264	....	....	2
Late, Gordon B.	Late No. 1	25	....	....	5	30	5	....	5	35	224	....	....	5
Merchants Coal Co.	Tunnelton	15	90	12	45	162	35	....	35	197	48	....	....	11
Preston Coal Co.	No. 1	187	....	....	49	236	37	....	37	273	290	....	....	5
Preston County Coke Co.	Cascade Nos. 1-2-3-4-5	49	....	....	8	57	25	36	61	118	259	274	78	1
Somerset Smokeless Coal Co.	Tunnelton	Same as	Mercha	nts Coal	Compan	y of Pen	nsylvani	a	....	197	133	....	....	11
Virginia-Maryland Coal Corp.	Scotch Hill	28	18	....	12	58	10	....	10	68	251	....	....	8
Wills, John	Wills No. 4	16	....	....	3	19	1	....	1	20	97	....	....	4
Totals	....	845	151	36	250	1,282	242	50	292	1,574	182	189	107	90
PUTNAM COUNTY														
Black Betsey Coal Mining Co.	No. 3	175	....	....	50	225	40	....	40	265	188	....	....	20
Otto Marmet Coal & Mining Co.	Big Otto Nos. 1-2-3	236	....	....	85	321	86	....	86	407	230	....	....	31
Plymouth Coal & Mining Co.	Plymouth	241	....	....	64	305	25	....	25	330	269	....	....	22
Totals	....	652	....	....	199	851	151	....	151	1,002	229	....	....	73
RALEIGH COUNTY														
Bailey Wood Coal Co.	Bailey Wood	55	....	....	45	100	10	....	10	110	157	....	....	2
Beckley Coal & Coke Co.	Beckley	75	5	5	40	125	17	....	17	142	170	....	....	22
Blue Jay Lumber Co.	Blue Jay No. 4	5	....	....	....	5	2	....	2	7	....	....	....	1
City Coal Co.	Comb's Lease	8	....	....	3	11	12	....	....	2	13	....	....	....
Clear Fork Coal Co.	Leevale	....	60	4	10	74	13	....	13	87	120	....	....	....
Cranberry Fuel Co.	Cranberry	61	37	8	62	168	17	....	17	185	224	....	....	26
Cranberry Fuel Co.	Sprague	62	14	2	23	101	13	....	13	114	210	....	....	20
Four States Coal & Coke Co., Rec	Dorothy	52	106	12	70	240	45	....	45	285	203	....	....	....
Four States Coal & Coke Co., Rec.	Sarita	35	100	12	65	215	43	....	43	255	183	....	....	....
Gulf Coal Co.	Nos. 1-2-3	20	26	4	30	80	12	....	12	92	264	....	....	2
Gulf Smokeless Coal Co.	Tams Nos. 1-2-3	149	....	....	119	268	25	....	25	293	192	....	....	5

Lanark Coal Co.	No. 4	35			9	44	9		9	53	220			6
Lilly Mining Co.	Whorley Nos. 1-2	20			4	24	4		4	28	247			7
Lynwin Coal Co.	Lynwin	10	35	4	32	81	15		15	96	174			12
MacAlpin Coal Co.	MacAlpin	20	85	18	60	183	18		18	201	210			2
Mabscott Coal & Coke Co.	Mabscott	85			20	105	9		9	114	186			18
Marsh Fork Coal Co.	Marsh Fork		94	10	16	120	12		12	132	188			
McKee Coal & Coke Co.	Graham Nos. 1-2	15	10	4	12	41	5		5	46	67			12
McKee Coal & Coke Co.	Oswald Nos. 1-2-3-4	55	26	4	42	127	15		15	142	160			7
McKee Coal & Coke Co.	Tamroy	24	20	10	31	85	12		12	97	148			4
New River Collieries Co.	Eccles No. 3	40	45	6	76	167	16		16	183	223			10
New River Collieries Co.	Eccles No. 5	65	46	8	70	189	15		15	204	177			4
New River Collieries Co	Eccles No. 6	33			35	68	5		5	73	177			
Pemberton Coal & Coke Co.	Affinity		35	6	29	70	19		19	89	156			
Pemberton Coal & Coke Co.	Bigstick	48			26	74	11		11	85	188			25
Pemberton Fuel Co.	Pemberton	45			13	58	12		12	70	243			7
Piney Mining Co.	Nos. 1-2	94	18	4	62	178	15		15	193	279			22
Piney Mining Co.	No. 3	42			18	60	10		10	70	245			
Piney Mining Co.	No. 4	70			26	96	12		12	108	264			11
Raleigh Coal & Coke Co.	Nos. 1-2-4	46	6	4	31	87	6		6	93	181			
Raleigh Coal & Coke Co.	No. 3	73	16	8	36	133	7		7	140	204			
Raleigh Coal & Coke Co.	No. 5	16			5	21	2		2	23	196			8
Raleigh Coal & Coke Co.	No. 6	86	28	8	46	168	8		8	176	200			
Royal Coal Co.	Royal	41			4	45	2		2	47	250			6
Slab Fork Coal Co.	Nos. 2-3-5-6-7	182	18	6	86	292	44		44	336	225			36
Stonewall Coal & Coke Co.	No. 3	4			1	5	1		1	6	125			2
Stonewall Coal & Coke Co.	Nos. 2-3-4	52			15	67	5		5	72	200			
Sullivan Coal & Coke Co.	Sullivan	91			38	129	20		20	149	220			6
West Virginia Coal Mining Co., The	Ragland	24			7	31	2		2	33	202			4
White Coal Co., E. E.	Glen White Nos. 1-2	64	35	6	67	172	40		40	212	212			12
White Coal Co., E. E.	Stotesbury, Nos. 1-3-5-6-7	35	54	24	40	153	62		62	215	202			1
Winding Gulf Colliery	Nos. 1-3		121	14	82	217	53		53	270	275			
Winding Gulf Colliery	No. 4		89	6	41	136	26		26	162	272			5
Wood Peck Coal Co.	Wood Peck	25			6	31	4		4	35	167			7
Wright Coal & Coke Co.	Wright No. 1	51			9	60	5		5	65	205			10
Wright Coal & Coke Co.	Wright No. 2	48			10	58	3		3	61	202			10
Totals		2,061	1,129	197	1,572	4,959	703		703	5,662	200			332
RANDOLPH COUNTY														
Brady Coal Co.	Klondyke	18			2	20	2		2	22	68			6
Davis Coal & Coke Co., The	Weaver No. 1	29			7	36	3		3	39	196			4
Davis Coal & Coke Co., The	Weaver No. 2	83			23	106	13		13	119	190			14
Davis Colliery Co.	Coalton	10	94	12	18	134	22	24	46	180	142	198	96	17
Davis Colliery Co.	Coaling Station	9				9	1		1	10	302			
Davis Colliery Co.	Harding	22	46	4	19	91	17	17	34	125	135	209	52	13
Davis Colliery Co.	Sivad	26			5	31	5		5	36	78			
Green, W. H.	Williette	20			3	23	2		2	25	160			3
Jenkins C. & C. Co., The J. B.	Ariana	40			5	45	7		7	52	124			4
West Virginia Pulp & Paper Co.	Hopkins	12			3	15	5		5	20	300			3
Totals		269	140	16	85	510	77	41	118	628	170	204	74	64

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.—(Continued.)

NAME OF COMPANY	NAME OF MINE	EMPLOYES								Sum Totals	Average Number Days Mines Were Operated	Average Number Days Ovens Were Operated	Average Number Ovens in Operation Per Plant	Number of Horses and Mules Inside
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
TAYLOR COUNTY														
Davis. T. B. Estate of	T. B. Davis	30			7	37	9		9	46	178			6
Delmar Coal Co	Barry	14			2	16	3		3	19	80			1
Grafton Coal & Coke Co	Sandlick No. 1	10			2	12				12	240			1
Grafton Coal & Coke Co	Sandlick No. 2	35			8	43	8		8	51	240			5
Harrison Coal Co	Harrison	25			4	29	3		3	32	190			4
Maryland Coal Co. of W. Virginia	Wendel Nos. 1-2	28	372	42	62	504	50		50	554	163			29
McGraw Coal Co	New York No. 1	5	20	3	12	40	17		17	57	127			
Pittsvein Coal Co	Flemington No. 4	18	57	8	18	101	16		16	117	179			9
Rosemont Coal Co	Rosemont	99	68	8	35	210	25		25	235	124			17
Sterling Coal Co., Ltd	Cecil		15	4	6	25	4		4	29	52			2
Winona Coal & Coke Co	Winona		27	6	4	37	7	9	16	53	264	268		4
Totals		264	559	71	160	1,054	142	9	151	1,205	167	268		78
TUCKER COUNTY														
Cooper, J. Calvin	Cooper	8			2	10				10	275			2
Cumberland Coal Co	Douglas No. 1	77			33	110	21	11	32	142	178	173	13	12
Cumberland Coal Co	Douglas No. 2	39			12	51	6		6	57	175			6
Cumberland Coal Co	Douglas No. 6	5			2	7	4		4	11	180			1
Davis Coal & Coke Co., The	No. 23	121			30	151	16		16	167	253			7
Davis Coal & Coke Co., The	No. 24	38			8	46	3		3	49	284			4
Davis Coal & Coke Co., The	No. 25	42			9	51	6		6	57	218			6
Davis Coal & Coke Co., The	No. 26	51			8	59	7		7	66	150			10
Davis Coal & Coke Co., The	No. 34	46			26	72	8		8	80	168			3
Davis Coal & Coke Co., The	No. 35	16			7	23	1		1	24	249			3
Davis Coal & Coke Co., The	No. 36	99			29	128	13		13	141	251			13
Davis Coal & Coke Co., The	No. 37	80			26	106	17		17	123	251			
Davis Coal & Coke Co., The	No. 38	130			65	195	15		15	210	245			10
Davis Coal & Coke Co., The	No. 39	120			40	160	14		14	174	252			8
Davis Coal & Coke Co., The	No. 40	120			40	60	16		16	176	253			10
Davis Coal & Coke Co., The	No. 41	32			8	40	4		4	44	228			4
Davis Coal & Coke Co., The	No. 43	34			19	53	7		7	60	227			
Totals		1,058			364	1,422	158	11	169	1,591	226	173	13	99

UPSHUR COUNTY														
Buckhannon River Coal & C. Co.	Florence No. 2		20	4	8	32	4	10	14	46	37	36	10	6
Red Rock Fuel Co	Red Rock		50	12	12	74	9		9	83	240			
Totals			70	16	20	106	13	10	23	129	139	36	10	6
WAYNE COUNTY														
East Lynn Coal Co	East Lynn			8	65	73	9		9	82	240			7
Totals				8	65	73	9		9	82	240			7
WYOMING COUNTY														
Mead Pocahontas Coal Co	Mead-Pocahontas	25	5	4	5	39	14		14	53	172			6
Mullens Smokeless Coal Co	Mullens Smokeless	6			2	8				8				
Trace Fork Coal Co	Trace Fork No. 7		14	1	1	16	12		12	28	72			1
Sabine Smokeless Coal Co	Sabine						30		30	30				
Virginia Smokeless Fuel Co	Virginian Smokeless	10			19	29	15		15	44	32			
Wyoming Coal Co	Wyoming Nos. 1-2-3-4		27	4	25	56	8		8	64	165			
Totals		41	46	9	42	148	79		79	227	110			7

SUMMARY OF THE DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Number of Mines	EMPLOYES								Sum Totals	Average No. of Days Mines Were Operated	Average No. of Days Ovens Were Operated	Average No. of Ovens in Operation Per Plant	No. of Horses And Mules
		INSIDE					OUTSIDE							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals					
Barbour	12	403	287	66	226	982	137	13	150	1,132	175	146	29	117
Boone	9		390	55	130	575	107		107	682	170			26
Braxton	5	65	61	18	42	186	27		27	213	237			28
Brooke	6	103	572	64	232	971	126		126	1,097	211			27
Clay	3	20	220	22	58	320	81		81	401	251			13
Fayette	124	3,905	3,516	627	3,035	11,083	1,668	172	1,840	12,923	179	277	86	1,051
Gilmer	3	10	55	18	28	111	16		16	127	170			15
Grant	3	62	69	10	36	177	35		35	212	227			12
Greenbrier	1	17			6	23	7		7	30	242			6
Harrison	71	944	2,382	524	1,337	5,187	881	16	897	6,084	137		33	600
Kanawha	95	896	3,460	610	1,861	6,827	979		979	7,806	170			777
Lewis	1	8			2	10	4		4	14	6			3
Lincoln	2		30	14	15	59	11		11	70	242			12
Logan	80	192	3,283	463	1,340	5,278	843		843	6,121	174			255
Marion	34	1,449	2,069	494	1,750	5,762	937	55	992	6,754	195	290	10	445
Marshall	7	8	755	82	168	1,013	134		134	1,147	175			47
Mason	3		119	22	51	192	41		41	233	241			15
McDowell	130	4,524	3,631	436	3,865	12,456	2,497	606	3,103	15,559	193	257	84	1,278
Mercer	34	1,017	706	111	851	2,685	524	187	711	3,396	192	218	79	360
Mineral	18	650	120	9	116	895	118		118	1,013	169			81
Mingo	39	45	1,077	259	932	2,313	687		687	3,000	214			235
Monongalia	8	197	76	9	86	368	77	57	134	502	174	147	54	17
Nicholas	7	60	32	10	19	121	17	3	20	141	238	150	6	6
Ohio	5	12	365	46	94	517	54		54	571	233			26
Preston	23	845	151	36	250	1,282	242	50	292	1,574	182	189	107	90
Putnam	5	652			199	851	151		151	1,002	229			73
Raleigh	72	2,061	1,129	197	1,572	4,959	703		703	5,662	200			332
Randolph	10	269	140	16	85	510	77	41	118	628	170	204	74	64
Taylor	12	264	559	71	160	1,054	142	9	151	1,205	167	268		78
Tucker	17	1,058			364	1,422	158	11	169	1,591	226	173	13	99
Upshur	2		70	16	20	106	13	10	23	129	139	36	10	6
Wayne	1			8	65	73	9		9	82	240			7
Wyoming	8	41	46	9	42	148	79		79	227	110			7
Totals	850	19,777	25,370	4,322	1,947	68,516	11,532	1,230	12,812	81,328	190	198	49	6,208

Nationalities of Persons Employed at the Mines 1915

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	Number of Openings	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greeks	Hebrew	Horwatt	Hungarians
Barbour	12	621	12	....	....	....	4	....	1	....	....	....	....	1	....	1	79
Boone	9	448	12	....	....	....	....	....	5	....	....	....	....	19	....	....	19
Braxton	5	92	29	....	....	....	....	....	....	....	....	....	....	4	....	7	19
Brooke	6	276	76	19	....	....	10	....	18	....	....	11	....	32	....	13	169
Clay	3	201	39	....	....	....	12	....	....	....	....	8	19	....	....	9	28
Fayette	124	6,611	129	6	1	11	1	....	187	9	4	143	1	6	....	12	415
Gilmer	3	93	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grant	3	110	32	....	....	....	....	....	....	....	....	1	1	....	....	....	3
Greenbrier	1	11	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrison	71	2,246	380	7	3	....	44	....	12	4	....	45	....	2	....	48	296
Kanawha	95	5,801	11	....	....	....	....	....	24	....	....	73	....	43	....	9	223
Lewis	1	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lincoln	2	67	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Logan	80	3,163	243	....	....	67	6	....	67	....	....	19	....	9	....	65	852
Marion	34	2,119	449	3	24	17	201	....	36	10	1	53	....	34	....	156	276
Marshall	7	416	44	2	12	....	100	....	15	2	....	29	10	....	....	....	117
Mason	3	233	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
McDowell	130	5,280	47	1	3	4	1	....	53	13	1	51	15	160	1	64	1,686
Mercer	31	1,397	28	12	....	....	....	....	....	....	....	37	....	4	....	....	214
Mineral	18	762	6	....	....	....	....	....	9	....	....	2	....	2	....	....	3
Mingo	39	1,856	10	....	....	....	....	....	....	....	....	20	....	2	....	....	283
Monongalia	8	193	6	....	....	....	10	....	....	....	....	....	....	....	....	6	79
Nicholas	7	83	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10
Ohio	5	161	57	2	....	....	23	....	4	2	....	6	5	84	....	13	12
Preston	23	994	10	....	....	....	....	....	9	....	....	5	2	2	....	18	10
Putnam	5	854	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Raleigh	72	2,424	156	2	....	4	3	....	66	6	....	56	....	133	....	....	283
Randolph	10	304	37	....	5	....	....	....	1	....	....	1	22	....	....	....	....
Taylor	12	430	106	....	....	3	....	....	....	....	....	2	....	....	....	75	30
Tucker	17	426	163	....	....	....	7	1	10	....	2	11	97	1	1	....	....
Upshur	2	61	11	....	....	....	....	....	....	....	....	....	....	....	....	....	5
Wayne	1	81	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wyoming	8	100	7	....	....	....	....	....	2	....	....	....	....	....	....	....	6
Totals	850	37,918	2,109	54	48	106	422	1	519	46	8	573	172	536	2	496	5,120

NATIONALITIES OF PERSONS EMPLOYED AT THE MINE S AND COKE OVENS BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915—(Continued).

COUNTY	Number of Openings	Irish	Italians	Lithuanians	Litvitch	Montenegroes	Negroes	Polish	Roumanian	Russian	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Barbour	12	2	216	81			67	28	8	1			10							982	137	13	1,132
Boone	9		45				114	14		2			4							575	107		682
Braxton	5	1	32		8		7	5			1		6		1				1	186	27		213
Brooke	6	5	122	15	2	10	55	107	1	15	20	40	75		3				3	971	126		1,097
Clay	3		27				13	10		19			16							320	81		401
Fayette	124	82	1,357	72	184	107	2,610	325	1	224	85	12	134	87	3	2		92	7	11,033	1,668	172	12,923
Gilmer	3		22				11													111	16		127
Grant	3	26	1				1	3		33	1									117	35		212
Greenbrier	1												9			1			1	23	7		30
Harrison	71	34	1,729	14	22		133	223	54	98	14	23	337	7	58	2	12	237		5,187	881	16	6,084
Kanawha	95	19	496	15		20	690	173	32	112	47	5			5				5	6,827	979		7,806
Lewis	1		7										3							10	4		14
Lincoln	2						3													59	11		70
Logan	80	46	499	14		3	480	171	159	76	1	24	83	23	14	3		32	2	5,278	843		6,121
Marion	34	147	1,620	36	28		193	421	46	363	13	28	317	1	32	2	95	28	5	5,762	937	55	6,754
Marshall	7	10	39	5	6		5	153	2	133	8	10	26						3	1,013	134		1,147
Mason	3																			192	41		233
McDowell	130	16	1,924	12	35	36	4,354	337	192	740	26	67	368	67		3	4	14	3	12,456	2,497	606	15,559
Mercer	34		337	11	1	6	1,176	30	40	63			39		1					2,685	524	187	3,396
Mineral	18	1	90	91	4		22	5		8		5	1			1			1	895	118		1,013
Mingo	39	5	421				281	22	1	36	7		40	11		1		4		2,313	687		3,000
Monongalia	8		157	3				4					42					2		368	77	57	502
Nicholas	7		16					17		4			11							121	17	3	141
Ohio	5		40	7			26	78		8	1	15	27							517	54		571
Preston	23	11	342				33	95		22			17					4	2	1,282	242	50	1,574
Putnam	5						145													851	151		1,002
Raleigh	72	10	443	28	18	11	1,255	304	10	103	21	3	153	132	1	4		19	1	4,959	703		5,662
Randolph	10	3	179	15			5	28		5			23							510	77	41	628
Taylor	12		135				20	32	26	96	9	20	204					17		1,054	142	9	1,205
Tucker	17	5	371	116	43		59	114	2	47	11	2	92		2	4		2	2	1,422	158	11	1,591
Upshur	2	3	25			2	1	14					5			1			1	106	13	10	129
Wayne	1						1													73	9		82
Wyoming	8		6			21	75	10												148	79		227
Totals	850	426	10,698	535	351	216	11,835	2,723	574	2,205	265	254	2,042	328	120	24	111	451	37	63,516	11,582	1,230	81,328

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Barbour	Inside	504	11	....	....	....	3	....	1	....	....	....	....	1	....	1	73	2	203	81
	Outside	114	1	....	....	....	1	....	....	....	....	....	....	....	....	....	6	....	3	....
	Coke Yards	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	....
Totals		621	12	....	....	....	4	....	1	....	....	....	....	1	....	1	79	2	216	81
Boone	Inside	350	12	....	....	....	....	....	5	....	....	....	....	18	....	....	19	....	43	....
	Outside	98	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....
Totals		448	12	....	....	....	....	....	5	....	....	....	....	19	....	....	19	....	45	....
Braxton	Inside	67	29	....	....	....	....	....	....	....	....	....	....	4	....	7	19	1	30	....
	Outside	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
Totals		92	29	....	....	....	....	....	....	....	....	....	....	4	....	7	19	1	32	....
Brooke	Inside	195	74	19	....	....	10	....	14	....	....	11	....	32	....	13	158	3	117	15
	Outside	81	2	....	....	....	....	....	4	....	....	....	....	....	....	....	11	2	5	....
Totals		276	76	19	....	....	10	....	18	....	....	11	....	32	....	13	169	5	122	15
Clay	Inside	128	37	....	....	....	12	....	....	....	....	8	19	....	....	9	28	....	23	....
	Outside	73	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....
Totals		201	39	....	....	....	12	....	....	....	....	8	19	....	....	9	28	....	27	....
Fayette	Inside	5,353	119	6	1	11	1	....	182	8	4	143	1	6	....	12	407	71	1,203	72
	Outside	1,230	10	....	....	....	....	....	5	1	....	....	....	....	....	....	8	11	128	....
	Coke Yards	28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	26	....
Totals		6,611	129	6	1	11	1	....	187	9	4	143	1	6	....	12	415	82	1,357	72
Gilmer	Inside	77	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	22	....
	Outside	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals		93	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	22	....

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Litvitch	Montenegroes	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Barbour	Inside			56	27	8	1			10							982			
	Outside			11	1													137		
	Coke Yards																		13	1,132
Totals				67	28	8	1			10							982	137	13	1,132
Boone	Inside			108	14		2			4							575			
	Outside			6														107		682
Totals				114	14		2			4							575	107		682
Braxton	Inside	8		7	5			1		6		1				1	186			
	Outside																	27		213
Totals		8		7	5			1		6		1				1	186	27		213
Brooke	Inside	2	10	48	102	1	15	17	34	75		3				3	971			
	Outside			7	5			3	6									126		1,097
Totals		2	10	55	107	1	15	20	40	75		3				3	971	126		1,097
Clay	Inside			11	10		19			16							320			
	Outside			2														81		401
Totals				13	10		19			16							320	81		401
Fayette	Inside	183	100	2,256	319	1	211	79	12	133	86	3	2		92	7	11,083			
	Outside	1	7	246	6		3	6		1	1							1,668		
	Coke Yard			108			10												172	12,923
Totals		184	107	2,610	325	1	224	85	12	134	87	3	2		92	7	11,083	1,668	172	12,923
Gilmer	Inside			11													111			
	Outside																	16		127
Totals				11													111	16		127

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Grant	Inside	81	31									1	1				3	22	1	
	Outside	29	1															4		
Totals		110	32									1	1				3	26	1	
Greenbrier	Inside	7	8																	
	Outside	4																		
Totals		11	8																	
Harrison	Inside	1,523	372	7	3		41		8	4		44		2		48	284	34	1,633	14
	Outside	711	8						4			1					10		96	
	Coke Yard	12															2			
Totals		2,246	380	7	3		44		12	4		45		2		48	296	34	1,729	14
Kanawha	Inside	4,962	11						24			69		27		7	219	17	453	15
	Outside	839										4		16		2	4	2	43	
Totals		5,801	11						24			73		43		9	223	19	496	15
Lewis	Inside																		7	
	Outside	4																		
Totals		4																	7	
Lincoln	Inside	56																		
	Outside	11																		
Totals		67																		
Logan	Inside	2,480	233			60	6		65			18		8		64	816	42	460	13
	Outside	683	10			7			2			1		1		1	36	4	39	1
Totals		3,163	243			67	6		67			19		9		65	852	46	499	14

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Litvitch	Montenegroes	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Grant	Inside				3		33	1									177			
	Outside			1														35		212
Totals				1	3		33	1									177	35		212
Greenbrier	Inside									7			1				23			
	Outside									2						1		7		30
Totals										9			1			1	23	7		30
Harrison	Inside	22		122	218	50	98	12	21	325	7	58	2	12	220		5,187			
	Outside			11	5	4		2	2	10					17			881		
	Coke Yard									2									16	6,084
Totals		22		133	223	54	98	14	23	337	7	58	2	12	237		5,187	881	16	6,084
Kanawha	Inside		20	636	171	32	106	47	5			5				3	6,827			
	Outside			54	2		6									2		979		7,806
Totals			20	690	173	32	112	47	5			5				5	6,827	979		7,806
Lewis	Inside									3							10			
	Outside																	4		14
Totals										3							10	4		14
Lincoln	Inside			3													59			
	Outside																	11		70
Totals				3													59	11		70
Logan	Inside		3	448	164	149	72	1	22	77	23	14	3		32	1	5,278			
	Outside			32	7	10	4		2	6						1		813		6,121
Totals			3	480	171	159	76	1	24	83	23	14	3		32	2	5,278	843		6,121

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Iarion	Inside	1,466	438	3	23	17	195	......	35	9	1	48	....	34	....	149	259	141	1,398	31
	Outside	643	9	......	1	......	3	......	1	1	....	5	....	....	....	5	17	6	199	5
	Coke Yard	10	2	......	......	......	3	......	......	....	....	....	....	....	....	2	....	....	23	....
Totals	......	2,119	449	3	24	17	201	......	36	10	1	53	....	34	....	156	276	147	1,620	36
Marshall	Inside	297	44	2	12	......	100	......	14	2	....	27	10	....	....	....	112	10	38	5
	Outside	119	......	......	......	......	......	......	1	....	....	2	....	....	....	....	5	....	1	....
Totals	......	416	44	2	12	......	100	......	15	2	....	29	10	....	....	....	117	10	39	5
Mason	Inside	192	......	......	......	......	......	......	......	....	....	....	....	....	....	....	....	....	......	....
	Outside	41	......	......	......	......	......	......	......	....	....	....	....	....	....	....	....	....	......	....
Totals	......	233	......	......	......	......	......	......	......	....	....	....	....	....	....	....	....	....	......	....
McDowell	Inside	3,946	44	1	3	4	1	......	45	13	1	42	15	131	1	59	1627	12	1,558	7
	Outside	1,314	3	......	......	......	......	......	8	....	....	7	....	11	....	5	55	4	271	5
	Coke Yard	20	......	......	......	......	......	......	......	....	....	2	....	18	....	....	4	....	95	....
Totals	......	5,280	47	1	3	4	1	......	53	13	1	51	15	160	1	64	1686	16	1,924	12
Mercer	Inside	1,068	28	12	......	......	......	......	......	....	....	37	....	4	....	....	214	....	272	11
	Outside	307	......	......	......	......	......	......	......	....	....	....	....	....	....	....	....	....	46	....
	Coke Yard	22	......	......	......	......	......	......	......	....	....	....	....	....	....	....	....	....	19	....
Totals	......	1,397	28	12	......	......	......	......	......	....	....	37	....	4	....	....	214	....	337	11
Mineral	Inside	653	6	......	......	......	......	......	9	....	....	2	....	2	....	....	2	1	84	91
	Outside	109	......	......	......	......	......	......	......	....	....	....	....	....	....	....	1	....	6	....
Totals	......	762	6	......	......	......	......	......	9	....	....	2	....	2	....	....	3	1	90	91
Mingo	Inside	1,397	10	......	......	......	......	......	......	....	....	17	....	2	....	....	259	5	279	....
	Outside	459	......	......	......	......	......	......	......	....	....	3	....	....	....	....	24	....	142	....
Totals	......	1,856	10	......	......	......	......	......	......	....	....	20	....	2	....	....	283	5	421	....

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Litvitch	Montenegroes	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Marion	Inside	28	....	181	407	44	354	13	28	309	1	31	2	95	17	5	5,762	....	....	....
	Outside	....	....	10	12	2	4	....	....	2	....	1	....	....	11	....	....	937	....	....
	Coke Yard	....	....	2	2	....	5	....	....	6	....	....	....	....	....	....	....	....	55	6,754
Totals	....	28	....	193	421	46	363	13	28	317	1	32	2	95	28	5	5,762	937	55	6,754
Marshall	Inside	6	....	5	148	1	133	8	10	26	....	....	....	....	....	3	1,013	....	....	....
	Outside	....	....	....	5	1	....	....	....	....	....	....	....	....	....	....	....	134	....	1,147
Totals	....	6	....	5	153	2	133	8	10	26	....	....	....	....	....	3	1,013	134	....	1,147
Mason	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	192	....	....	....
	Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41	....	233
Totals	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	192	41	....	233
McDowell	Inside	29	35	3,159	333	174	739	26	67	331	52	....	....	4	14	3	12,456	....	....	....
	Outside	6	1	728	4	18	1	....	....	37	15	....	3	....	....	....	....	2,497	....	....
	Coke Yard	....	....	467	....	....	....	....	....	....	....	....	....	....	....	....	....	....	606	15,559
Totals	....	35	36	4,354	337	192	740	26	67	368	67	....	3	4	14	3	12,456	2,497	606	15,559
Mercer	Inside	....	....	866	30	40	63	....	....	39	....	1	....	....	....	....	2,685	....	....	....
	Outside	1	....	170	....	....	....	....	....	....	....	....	....	....	....	....	....	524	....	....
	Coke Yard	....	6	140	....	....	....	....	....	....	....	....	....	....	....	....	....	....	187	3,396
Totals	....	1	6	1,176	30	40	63	....	....	39	....	1	....	....	....	....	2,685	524	187	3,396
Mineral	Inside	4	....	21	5	....	8	....	5	1	....	....	....	....	....	1	895	....	....	....
	Outside	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	118	....	1,013
Totals	....	4	....	22	5	....	8	....	5	1	....	....	1	....	....	1	895	118	....	1,013
Mingo	Inside	....	....	236	19	1	27	7	....	39	11	....	....	....	4	....	2,313	....	....	....
	Outside	....	....	45	3	....	9	....	....	1	....	....	1	....	....	....	....	687	....	3,000
Totals	....	....	....	281	22	1	36	7	....	40	11	....	1	....	4	....	2,313	687	....	3,000

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Monongalia	Inside	112	1				7									2	69		136	3
	Outside	56																	21	
	Coke Yard	25	5				3									4	10			
Totals		193	6				10									6	79		157	3
Nicholas	Inside	68															9		15	
	Outside	12															1		1	
	Coke Yard	3																		
Totals		83															10		16	
Ohio	Inside	129	52				23		4	2		5	5	84		13	12		39	6
	Outside	32	5	2								1							1	1
Totals		161	57	2			23		4	2		6	5	84		13	12		40	7
Preston	Inside	789	10						9			5	2			4		11	307	
	Outside	199														3	1		27	
	Coke Yard	6														11	9		8	
Totals		994	10						9			5	2			18	10	11	342	
Putnam	Inside	703															3			
	Outside	151																		
Totals		854															3			
Raleigh	Inside	1,932	153	2		3	3		64	6		52		133			276	8	340	82
	Outside	492	3			1			2			4					7	2	103	
Totals		2,424	156	2		4	3		66	6		56		133			283	10	443	28
Randolph	Inside	247	34		5				1			1	22					3	128	14
	Outside	56	3																11	1
	Coke Yard	1																	40	
Totals		304	37		5				1			1	22					3	179	15

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Litvitch	Montenegroes	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Monongalia	Inside				4					32					2		368			
	Outside																	77		
	Coke Yard									10									57	502
Totals					4					42					2		368	77	57	502
Nicholas	Inside				14		4			11							121			
	Outside				3													17		
	Coke Yard																		3	141
Totlas					17		4			11							121	17	3	141
Ohio	Inside			20	74		6	1	15	27							517			
	Outside			6	4		2											54		571
Totals				26	78		8	1	15	27							517	54		571
Preston	Inside			10	95		22			12					4	2	1,282			
	Outside			10						2								242		
	Coke Yard			13						3									50	1,574
Totals				33	95		22			17					4	2	1,282	242	50	1,574
Putnam	Inside			145													851			
	Outside																	151		1,002
Totals				145													851	151		1,002
Raleigh	Inside	17	11	1,177	301	10	103	21	3	151	131	1	4		18	1	4,959			
	Outside	1		78	3					2	1				1			703		5,662
Totals		18	11	1,255	304	10	103	21	3	153	132	1	4		19	1	4,959	703		5,662
Randolph	Inside			5	25		5			20							510			
	Outside				3					3								77		
	Coke Yard																		41	628
Totals				5	28		5			23							510	77	41	628

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Taylor	Inside	307	101			3						2				72	30		123	
	Outside	120	5													1			8	
	Coke Yard	3														2			4	
Totals		430	106			3						2				75	30		135	
Tucker	Inside	343	155				7	1	9		2	11	93	1	1			5	315	112
	Outside	83	8						1				4						45	4
	Coke Yard																		11	
Totals		426	163				7	1	10		2	11	97	1	1			5	371	116
Upshur	Inside	42	11														5	3	22	
	Outside	11																	1	
	Coke Yard	8																	2	
Totals		61	11														5	3	25	
Wayne	Inside	72																		
	Outside	9																		
Totals		81																		
Wyoming	Inside	67	2						2								6			
	Outside	33	5																6	
Totals		100	7						2								6		6	

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

COUNTY	WHERE EMPLOYED	Litvitch	Montenegroes	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Taylor	Inside			20	32	24	96	3	20	204					17		1,054			
	Outside					2		6										142		
	Coke Yard																		9	1,205
Totals				20	32	26	96	9	20	204					17		1,054	142	9	1,205
Tucker	Inside	43		54	112	2	45	11	2	89		2	3		2	2	1,422			
	Outside			5	2		2			3			1					158		
	Coke Yard																		11	1,591
Totals		43		59	114	2	47	11	2	92		2	4		2	2	1,422	158	11	1,591
Upshur	Inside		2	1	14					5						1	106			
	Outside											1						13		
	Coke Yard																		10	129
Totals			2	1	14					5		1				1	106	13	10	129
Wayne	Inside			1													73			
	Outside																	9		82
Totals				1													73	9		82
Wyoming	Inside		10	51	10												148			
	Outside		11	24														79		227
Totals			21	75	10												148	79		227

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
BARBOUR COUNTY																					
Boat Run Coal Co	No. 1	Inside	46																		
		Outside	10																		
Century Coal Co., The	No. 1	Inside	67																	90	61
		Outside	23																		
Century Coal Co., The	No. 2	Inside	27																	54	15
		Outside	13																	1	
Consolidation Coal Co., The	No. 37	Inside	26	6				3		1					1			72		20	2
		Outside	14	1				1										6		2	
Davis Colliery Co	Junior No. 4	Inside	66	2																2	3
		Outside	6																		
		Coke Yard																		7	
Davis Coal & Coke Co	Dartmoor No. 4	Inside	139																	14	
		Outside	13																		
Gage Coal & Coke Co	Sara	Inside	22																	3	
		Outside	5																		
		Coke Yard	3																	3	
Grafton Fuel Co	Lillian	Inside	30	2													1			4	
		Outside	8																		
Humphrey's Coal Co	Humphrey's	Inside	17																1	13	
		Outside	5																		
Luella Coal & Coke Co	Luella	Inside	29																		
		Outside	3																		
Sandridge, Lee J	Nos. 1-2	Inside	35	1														1	1	3	
		Outside	14																		
Totals			621	12				4		1					1		1	79	2	216	81
BOONE COUNTY																					
Anchor Coal Co	Anchor	Inside	38							5					10			16		7	
		Outside	10																	2	
Big Eagle Mining Co	Big Eagle	Inside	10																	1	
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
BARBOUR COUNTY																					
Boat Run Coal Co.	No. 1	Inside																46			
		Outside																	10		56
Century Coal Co., The	No. 1	Inside				15												233			
		Outside				1													24		257
Century Coal Co., The	No. 2	Inside				2												98			
		Outside																	14		112
Consolidation Coal Co., The	No. 37	Inside			38	4	8				7							188			
		Outside			10														34		222
Davis Colliery Co.	Junior No. 4	Inside									3							76			
		Outside																	6		
		Coke Yard																		7	89
Davis Coal & Coke Co.	Dartmoor No. 4	Inside																153			
		Outside																	13		166
Gage Coal & Coke Co.	Sara	Inside																25			
		Outside																	5		
		Coke Yard																		6	36
Grafton Fuel Co.	Lillian	Inside			2	3		1										43			
		Outside			1														9		52
Humphrey's Coal Co.	Humphrey's	Inside			6	3												40			
		Outside																	5		45
Luella Coal & Coke Co.	Luella	Inside																29			
		Outside																	3		32
Sandridge, Lee J.	Nos. 1-2	Inside			10													51			
		Outside																	14		65
Totals					67	28	8	1			10							982	137	13	1,132
BOONE COUNTY																					
Anchor Coal Co.	Anchor	Inside			24	4		2										106			
		Outside																	12		118
Big Eagle Mining Co.	Big Eagle	Inside																11			
		Outside																	4		15

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
BOONE COUNTY—Cont.																					
Coal River Coal Co., The	Coal River	Inside	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hickory Ash Coal Co., The	Hickory Ash	Inside	71	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Horse Creek Block Coal Co	Opal No. 1	Inside	22	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Peytona Block Coal Co	Peytona Block	Inside	55	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Seng Creek Coal Co	Seng Creek	Inside	47	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	33	....
		Outside	25	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Spruce River Coal Co., The	Ramage No. 2	Inside	33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Webb Coal Mining Co	Ferndale	Inside	18	2	....	....	....	....	....	....	....	....	....	....	6	....	....	3	....	....	....
		Outside	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals			448	12	....	....	....	....	....	5	....	....	....	....	19	....	....	19	....	45	....
BRAXTON COUNTY																					
Copen Creek Coal Co., The	Vanwith	Inside	25	15	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	5	....
		Outside	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Davis Colliery Co	Nos. 3-7-10	Inside	30	12	....	....	....	....	....	....	....	....	....	....	....	....	7	15	1	13	....
		Outside	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
Davis Colliery Co	No. 11	Inside	12	2	....	....	....	....	....	....	....	....	....	4	....	....	....	....	....	12	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals			92	29	....	....	....	....	....	....	....	....	....	4	....	....	7	19	1	32	....
BROOKE COUNTY																					
Clayton Coal Co	No. 1	Inside	24	11	2	....	....	....	4	....	....	....	....	....	....	....	....	30	....	14	....
		Outside	11	1	....	....	....	....	....	3	....	....	....	....	....	....	....	4	....	....	....
LaBelle Iron Works	LaBelle Shaft	Inside	41	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	10
		Outside	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Richland Block Coal Co	Beech Bottom	Inside	24	25	....	....	....	10	....	....	....	....	....	....	20	....	10	89	....	10	5
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	....	5	....

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
BOONE COUNTY—Cont.																					
Coal River Coal Co., The	Coal River	Inside			8	10												74			
		Outside																	12		86
Hickory Ash Coal Co., The	Hickory Ash	Inside									2							73			
		Outside																	10		83
Horse Creek Block Coal Co	Opal No. 1	Inside																27			
		Outside																	9		36
Peytona Block Coal Co	Peytona Block	Inside																62			
		Outside																	10		72
Seng Creek Coal Co	Seng Creek	Inside			4						2							88			
		Outside																	26		114
Spruce River Coal Co., The	Ramage No. 2	Inside			50													83			
		Outside																	12		95
Webb Coal Mining Co.	Ferndale	Inside			22													51			
		Outside			6														12		63
Totals					114	14		2			4							575	107		682
BRAXTON COUNTY																					
Copen Creek Coal Co., The	Vanwith	Inside																49			
		Outside																	5		54
Davis Colliery Co	Nos. 3-7-10	Inside	8		6	5			1		6		1				1	106			
		Outside																	18		124
Davis Colliery Co	No. 11	Inside			1													31			
		Outside																	4		35
Totals			8		7	5			1		6		1				1	186	27		213
BROOKE COUNTY																					
Clifton Coal Co	No. 1	Inside	2			8		3	2		30							130			
		Outside																	19		149
LaBelle Iron Works	LaBelle Shaft	Inside				46	1	9	10	11	1						1	147			
		Outside							3	2									11		158
Richland Block Coal Co	Beech Bottom	Inside			7	10				2	5		3					220			
		Outside			4														26		246

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
BROOKE COUNTY—Cont.																					
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1	Inside	30	24	15					5			7					35	1	30	
		Outside	24	1															1		
West Virginia-Pittsburgh Coal Co.	Gilchrist No 3	Inside	16										3		4			4		14	
		Outside	12																		
West Virginia-Pittsburgh Coal Co	LaBelle No. 4	Inside	60	12	2					5			1		8		3		2	34	
		Outside	18							1									1		
Totals			276	76	19			10		18			11		32		13	169	5	122	15
CLAY COUNTY																					
Elliott Splint Coal Co., The	York No. 1	Inside	53											2				16			
		Outside	10																		
Elk River Coal & Lumber Co.	Rich Run	Inside	48	37				12					8	17			9	12		23	
		Outside	57	2																4	
Queen Shoals Coal Co.	Burnzwell	Inside	27																		
		Outside	6																		
Totals			201	39				12					8	19			9	28		27	
FAYETTE COUNTY																					
Aileen Coal Co	Aileen	Inside	25							5				2							
		Outside	4																		
Ajax Coal Co	Ajax	Inside	42																		
		Outside	5																		
Babcock Coal & Coke Co	Nos. 3-4	Inside	83																		
		Outside	12																		
		Coke Yard	10																		
Ballinger Coal Co	No. 1	Inside	47																		
		Outside	9																		
Beechwood Coal & Coke Co	Nos. 1-2	Inside	45							1											1
		Outside	9																		1
Beury Bros. Coal & Coke Co	Echo	Inside	49																		
		Outside	20																	3	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Nregroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
BROOKE COUNTY—Cont.																					
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1	Inside			10	30			2	15	24							228			
		Outside			1	4				4									35		263
West Virginia-Pittsburgh Coal Co.	Gilchrist No. 3	Inside		10	6	5					15							77			
		Outside																	12		89
West Virginia-Pittsburgh Coal Co.	LaBelle No. 4	Inside			25	3		3	3	6							2	169			
		Outside			2	1													23		192
Totals			2	10	55	107	1	15	20	40	75		3				3	971	126		1,097
CLAY COUNTY																					
Elliott Splint Coal Co., The	York No. 1	Inside			1			15										87			
		Outside																	10		97
Elk River Coal & Lumber Co	Rich Run	Inside			10	10		4			16							206			
		Outside			2														65		271
Queen Shoals Coal Co	Burnzwell	Inside																27			
		Outside																	6		33
Totals					13	10		19			16							320	81		401
FAYETTE COUNTY																					
Aileen Coal Co	Aileen	Inside			8													40			
		Outside			1														5		45
Ajax Coal Co	Ajax	Inside																42			
		Outside																	5		47
Babcock Coal & Coke Co	Nos. 3-4	Inside																83			
		Outside																	12		
		Coke Yard			16															26	121
Ballinger Coal Co	No. 1	Inside		36		4												87			
		Outside																	9		96
Beechwood Coal & Coke Co	Nos. 1-2	Inside			77			4										128			
		Outside			3														12		140
Beury Bros. Coal & Coke Co	Echo	Inside			46													45			
		Outside			3														26		121

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
Big Bend Coal Co	Big Bend	Inside	10							1										1	
		Outside	2																		
Boomer Coal & Coke Co	No. 2 North	Inside	86																	192	
		Outside	30																	7	
Boomer Coal & Coke Co	No. 2 South	Inside	43																	156	
		Outside	15																	6	
Boomer Coal & Coke Co	No. 4	Inside	46																	116	
		Outside	19																	2	
Boomer Coal & Coke Co	No. 5	Inside	55																	11	
		Outside	14																	1	
Blume Estate, G. M	Fayette	Inside	40																		
		Outside	3																		
Blume Coal & Coke Co	Blume	Inside	75																		
		Outside	7																		
Branch Coal & Coke Co	Elverton	Inside	24	6																	
		Outside	2																		
Brown Coal Co	Brown	Inside	70	1	1					1			1								
		Outside	5																		
Cannelton Coal & Coke Co	No. 2	Inside	360							1	1										
		Outside	19																		
Cannelton Coal & Coke Co	No. 3	Inside	37																		
		Outside	3																		
Cannelton Coal & Coke Co	No. 4	Inside	60															26			
		Outside	9																		
Collins Colliery Co	Collins	Inside	26								2		1					34		8	
		Outside	17															2			
Columbus Iron & Steel Co	No. 1	Inside	53															76		10	
		Outside	32																		
		Coke Yard	2																		
Christian Colliery Co	No. 1	Inside	90																		
		Outside	14																		
Christian Colliery Co	Powellton	Inside	10																		
Deitz Colliery Co	Deitz	Inside	30																		
		Outside	5																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
FAYETTE COUNTY—Cont.																					
Big Bend Coal Co.	Big Bend	Inside			14													26			
		Outside			1														3		29
Boomer Coal & Coke Co.	No. 2 North	Inside			35	14												327			
		Outside			8														45		372
Boomer Coal & Coke Co.	No. 2 South	Inside			33	7												239			
		Outside			2														23		262
Boomer Coal & Coke Co.	No. 4	Inside			10	4												176			
		Outside			3														24		200
Boomer Coal & Coke Co.	No. 5	Inside			20													86			
		Outside																	15		101
Blume Estate, G. M.	Fayette	Inside																40			
		Outside																	3		43
Blume Coal & Coke Co.	Blume	Inside			15	2												92			
		Outside			1														8		100
Branch Coal & Coke Co.	Elverton	Inside			31			20										81			
		Outside			7														9		90
Brown Coal Co.	Brown	Inside			29						1	1						105			
		Outside			6							1							12		117
Cannelton Coal & Coke Co.	No. 2	Inside			75													437			
		Outside			6														25		462
Cannelton Coal & Coke Co.	No. 3	Inside																37			
		Outside																	3		40
Cannelton Coal & Coke Co.	No. 4	Inside			25													111			
		Outside			1														10		121
Collins Colliery Co.	Collins	Inside			38			1	3			6						119			
		Outside			3														22		141
Columbus Iron & Steel Co.	No. 1	Inside			10													149			
		Outside			5														37		
		Coke Yard			12															14	200
Christian Colliery Co.	No. 1	Inside			21													111			
		Outside			3														17		128
Christian Colliery Co.	Powellton	Inside														14		24			24
Deitz Colliery	Deitz	Inside																30			
		Outside																	5		35

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
Dun Glen Coal Co.	Dun Glen	Inside	17																	2	
		Outside	5															1			
Dunn Loop Coal & Coke Co	Dunn Loop	Inside	74										1					36		21	13
		Outside	12															3		2	
Elmo Mining Co.	Elmo	Inside	35																		
		Outside	5																		
Ephraim Creek Coal & Coke Co.	Buffalo & Slater	Inside	112																	8	
		Outside	22																	16	
Eureka Coal Co.	No. 2	Inside	18																		
		Outside	2																		
Export Coal Co.	Export	Inside	58																1		
		Outside	7																		
Fire Creek Coal & Coke Co.	Fire Creek	Inside	22																		
		Outside	14																		
		Coke Yard	3																		
Fort Defiance Coal & Coke Co	Fort Defiance	Inside	36																	3	
		Outside	3																		
Gauley Mountain Coal Co., The	Buck Run	Inside	43																		
		Outside	6																		
Gauley Mountain Coal Co., The	Nova Scotia & Turkey Cr	Inside	139																	1	
		Outside	44																		
		Coke Yard	5																		
Gaymont Coal Co	Gaymont	Inside	9																		
		Outside	1																		
Greenwood Coal Co.	Greenwood	Inside	49																		
		Outside	10																		
Great Kanawha Colliery Co	Great Kanawha	Inside	15																		
		Outside	3																		
Harvey Coal & Coke Co.	Harvey	Inside	88							1			8					5	1	35	
		Outside	15																		
Hemlock Hollow Coal & Coke Co.	Hemlock	Inside	24																		
		Outside	7																	1	
Hindson Coal Co.	Dun Glenn	Inside	5																	10	
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
FAYETTE COUNTY—Cont.																					
Dun Glen Coal Co	Dun Glen	Inside																19			
		Outside																	6		25
Dunn Loop Coal & Coke Co	Dunn Loop	Inside		64	32			8	8		42							299			
		Outside		7	2														26		325
Elmo Mining Co	Elmo	Inside			5													40			
		Outside																	5		45
Ephraim Creek Coal & Coke Co	Buffalo & Slater	Inside			16			29										165			
		Outside			2														40		205
Eureka Coal Co	No. 2	Inside			10													28			
		Outside			2														4		32
Export Coal Co	Export	Inside			2									1				62			
		Outside																	7		69
Fire Creek Coal & Coke Co	Fire Creek	Inside			25													47			
		Outside			4														18		
		Coke Yard			10															13	78
Fort Defiance Coal & Coke Co	Fort Defiance	Inside			14											5		58			
		Outside			3														6		64
Gauley Mountain Coal Co., The	Buck Run	Inside																43			
		Outside			1														7		50
Gauley Mountain Coal Co., The	Nova Scotia & Turkey Cr	Inside			30													170			
		Outside			1														45		
		Coke Yard			40															45	260
Gaymont Coal Co	Gaymont	Inside																9			
		Outside																	1		10
Greenwood Coal Co	Greenwood	Inside			84													133			
		Outside			2														12		145
Great Kanawha Colliery Co	Great Kanawha	Inside			2													17			
		Outside																	3		20
Harvey Coal & Coke Co	Harvey	Inside			57													195			
		Outside			8														23		218
Hemlock Hollow Coal & Col Co	Hemlock	Inside			37													61			
		Outside																	8		69
Hindson Coal Co	Dun Glenn	Inside																15			
		Outside																	4		19

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
Johnson Coal Co., W. R.	Oakland	Inside	58							4										2	
		Outside	8																		
Keeney's Creek Colliery Co.	Boone	Inside	82																		
		Outside	6																		
Keeney's Creek Colliery Co.	Smokeless	Inside	105																		
		Outside	14																		
Laura Mining Co.	Laura	Inside	4																		
		Outside	2																		
Laurel Creek Coal Co.	Laurel	Inside	24																		
		Outside	5																		
Lookout Coal & Coke Co.	Lookout	Inside	50																		
		Outside	5																		
Long Branch Coal Co.	No. 2	Inside	105																		
		Outside	25																		
Loup Creek Colliery Co.	No. 2	Inside	198	8																69	
		Outside	49																	6	
Low Moor Iron Co. of Virginia	No. 1	Inside	30																2	2	
		Outside	13																		
		Coke Yard	4																	12	
Low Moor Iron Co. of Virginia	No. 2	Inside	27	1																	
		Outside	6																		
Lynchburg Colliery Co.	No. 2 Gas	Inside	32															2			
		Outside	7																		
M. B. Coal & Coke Co.	Elkridge No. 1	Inside	55																	17	
		Outside	8																		
M. B. Coal & Coke Co.	Elkridge No. 2	Inside	62																	7	
		Outside	10																		
M. B. Coal & Coke Co.	Kimberly No. 3	Inside	33							3	2										
		Outside	17							1	1										
M. B. Coal & Coke Co.	Columbia No. 5	Inside	30																		
		Outside	8																		
MacDonald Colliery Co.	MacDonald	Inside	25																		
		Outside	6																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Nregroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Total
FAYETTE COUNTY—Cont.																					
Johnson Coal Co., W. R.	Oakland	Inside			10													74			
		Outside			2														10		84
Keeney's Creek Colliery Co.	Boone	Inside			13													95			
		Outside			1														7		102
Keeney's Creek Colliery Co.	Smokeless	Inside			11													116			
		Outside																	14		130
Laura Mining Co.	Laura	Inside			13													17			
		Outside																	2		19
Laurel Creek Coal Co.	Laurel	Inside			36													60			
		Outside																	5		65
Lookout Coal & Coke Co.	Lookout	Inside			8													58			
		Outside																	5		63
Long Branch Coal Co.	No. 2	Inside																105			
		Outside																	25		130
Loup Creek Colliery Co.	No. 2	Inside			49													324			
		Outside			5														60		384
Low Moor Iron Co. of Virginia	No. 1	Inside			52				55									141			
		Outside			8				5										26		
		Coke Yard			2			10												28	195
Low Moor Iron Co. of Virginia	No. 2	Inside			10			3										41			
		Outside																	6		47
Lynchburg Colliery Co.	No. 2 Gas	Inside			1													35			
		Outside			1														8		43
M. B. Coal & Coke Co.	Elkridge No. 1	Inside			10						2							84			
		Outside																	8		92
M. B. Coal & Coke Co.	Elkridge No. 2	Inside			19						3							91			
		Outside			2														12		103
M. B. Coal & Coke Co.	Kimberly No. 3	Inside			24									1				63			
		Outside			1														20		83
M. B. Coal & Coke Co.	Columbia No. 5	Inside			24													54			
		Outside																	8		62
MacDonald Colliery Co.	MacDonald	Inside			25	15					5	5						75			
		Outside			5														11		86

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek.	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
Meadowfork Coal Co.	Meadowfork	Inside	20															5		1	
		Outside	3																	3	
McKell Coal & Coke Co.	Derryhale	Inside	6															10			
		Outside	7																		
McKell Coal & Coke Co	Kilsyth	Inside	30							6					4			8		34	1
		Outside	10																	1	
Michigan Coal Co	Michigan	Inside	38																		
		Outside	9																		
Midvale Colliery Co	Midvale	Inside	65																	1	
		Outside	20																		
Milburn Coal Co	No. 1	Inside	36	19									8					12		3	
		Outside	8																	7	
Mill Creek Colliery Co	Mill Creek	Inside	50																		
		Outside	10																		
Mt Hope Coal & Coke Co	Baby	Inside	36															1		1	
		Outside	9							1											
Mt. Carbon Coal Co., Ltd., The	Vulcan	Inside	52																		
		Outside	5																		
		Coke Yard	9																		
Newlyn Coal Co	Newlyn	Inside	9	1																	
		Outside																			
New River Collieries Co	Sun Nos. 1-2	Inside	50							25			35					26	35		
		Outside	42																10		
New River & Poca. Cons. Coal Co.	Layland Nos. 1-2-3	Inside	40							6			5						2	62	
		Outside	29																	20	
New River & Poca. Cons. Coal Co.	Minden No. 2	Inside	75							5			10					6	2	18	17
		Outside	23																		
New River & Poca. Cons. Coal Co.	Minden No. 3	Inside	116							2					2			11	3	5	
		Outside	24																	5	
New River & Poca. Cons. Coal Co.	Minden No. 4	Inside	61							34			12				12			5	
		Outside	26							2									1	2	
New River & Poca. Cons. Coal Co.	Minden No. 5	Inside	76							15			2					10		3	
		Outside	22							1								2		2	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
FAYETTE COUNTY—Cont.																					
Meadowfork Coal Co.	Meadowfork	Inside			23													49			
		Outside																	6		55
McKell Coal & Coke Co.	Derryhale	Inside			22	10					10							58			
		Outside			1														8		66
McKell Coal & Coke Co.	Kilsyth	Inside			11	7						16						117			
		Outside			4														15		132
Michigan Coal Co.	Michigan	Inside																38			
		Outside																	9		47
Midvale Colliery Co.	Midvale	Inside			2													68			
		Outside																	20		88
Milburn Coal Co.	No. 1	Inside			20	4					10							112			
		Outside																	15		127
Mill Creek Colliery Co.	Mill Creek	Inside																50			
		Outside																	10		60
Mt. Hope Coal & Coke Co.	Baby	Inside			8													46			
		Outside																	10		56
Mt. Carbon Coal Co., Ltd., The	Vulcan	Inside			26													78			
		Outside			3														8		
		Coke Yard			17															26	112
Newlyn Coal Co.	Newlyn	Inside			24			6										40			
		Outside			1														1		41
New River Collieries Co.	Sun Nos. 1-2	Inside			84	10		10	1	12								288			
		Outside																	52		340
New River & Poca. Cons. Coal Co.	Layland Nos. 1-2-3	Inside			27	29		40	4				3			63		281			
		Outside			12				1										62		343
New River & Poca. Cons. Coal Co.	Minden No. 2	Inside			2	2		15										152			
		Outside																	23		175
New River & Poca. Cons. Coal Co.	Minden No. 3	Inside	22		28													189			
		Outside																	29		218
New River & Poca. Cons. Coal Co.	Minden No. 4	Inside	60		11													195			
		Outside			5														36		231
New River & Poca. Cons. Coal Co.	Minden No. 5	Inside	65						1									172			
		Outside	1																28		200

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
New River & Poca. Cons. Coal Co.	Weirwood	Inside	40	5				1		5	1		1	1				3		29	2
		Outside	35																	3	
Nichol Colliery Co.	Nichol	Inside	17				2			2		4	5					6		6	
		Outside	6																		
Nuttallburg Smokeless Fuel Co.	Nuttallburg	Inside	29							5			1							12	
		Outside	5																	2	
Prudence Coal Co.	Prudence	Inside	61															10			
		Outside	9																		
Quinnimont Coal Co.	Big "Q"	Inside	71	1																	
		Outside	4																		
Ridgeview Coal Co.	Ridgeview	Inside	24																		
		Outside	2																		
River Valley Colliery Co.	Bachman	Inside	37							3										3	
		Outside	3																		
Rock Lick Coal Co.	Concho & Erskine	Inside	101			1				3			2					3		1	
		Outside	8																		
Rothwell Coal Co.	Dubree	Inside	29							1											
		Outside	5																	1	
Scotia Coal & Coke Co.	Brooklyn	Inside	30										10					2	5	2	
		Outside	4																		
Scotia Coal & Coke Co.	Red Ash	Inside	20																		
		Outside	4																	1	
Scotia Coal & Coke Co.	Rush Run & Once More	Inside	20										2					5			4
		Outside		10																13	
Sewell Colliery Co.	Sugar Camp	Inside	36	1						1			3						4		
		Outside	9																		
Signal Knob Coal Co.	Signal Knob	Inside	30																		
		Outside	5																		
Solvay Collieries Co.	Eagle No. 1 and Powellton No. 1	Inside	40	5						2								12			27
		Outside	15																		4
Solvay Collieries Co.	Kingston Nos. 1-2-3-4-5	Inside	110	22							1		16					20		10	
		Outside	38																	20	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
FAYETTE COUNTY—Continued																					
New River & Poca. Cons. Coal Co.	Weirwood	Inside	2		31	4		12										137			
		Outside																	38		175
Nichol Colliery Co.	Nichol	Inside			8	10						4						64			
		Outside																	6		70
Nuttallburg Smokeless Fuel Co.	Nuttallburg	Inside			30	2												79			
		Outside			4														11		90
Prudence Coal Co.	Prudence	Inside			50	10		7				10						148			
		Outside			1														10		158
Quinnimont Coal Co.	Big "Q"	Inside			15													87			
		Outside			2														6		93
Ridgeview Coal Co.	Ridgeview	Inside			1													25			
		Outside			1														3		28
River Valley Colliery Co.	Bachman	Inside			4													47			
		Outside																	3		50
Rock Lick Coal Co.	Concho & Erskine	Inside			29	2					2							146			
		Outside			4														12		158
Rothwell Coal Co.	Dubree	Inside			9													39			
		Outside			2														8		47
Scotia Coal & Coke Co.	Brooklyn	Inside			25				1									75			
		Outside			4														8		83
Scotia Coal & Coke Co.	Red Ash	Inside			3													23			
		Outside			1														6		29
Scotia Coal & Coke Co.	Rush Run & Once More	Inside			30	4												65			
		Outside																	23		88
Sewell Colliery Co.	Sugar Camp	Inside			43	2		2										92			
		Outside			2			3											14		106
Signal Knob Coal Co.	Signal Knob	Inside																30			
		Outside																	5		35
Solvay Collieries Co.	Eagle No. 1 and Powellton No. 1	Inside			18													104			
		Outside																	19		123
Solvay Collieries Co.	Kingston Nos. 1-2-3-4-5	Inside			75	8		25			40						1	328			
		Outside			5														63		391

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
FAYETTE COUNTY—Cont.																					
St. Clair Colliery Co.	St. Clair and Archer	Inside	63																	15	
		Outside	10																	3	
Star Coal & Coke Co., The	Star	Inside	53	15	5		5						5						10		
		Outside	7																		
South Side Co.	South Side	Inside	32	3						1											
		Outside	6																		
Stone Cliff Coal & Coke Co.	Stone Cliff	Inside	20																		
		Outside	4																		
Stuart Colliery Co.	Lochgelly	Inside	25	15						12								7	2	6	
		Outside	16																		
Stuart Colliery Co.	Summerlee	Inside	20	8			4			12	1							20		2	
		Outside	23																		
Sugar Creek Coal & Coke Co.	Sugar Creek	Inside	18																		
		Outside	12																		
Sunday Creek Co.	No. 111	Inside	54																	70	
		Outside	14																		
Sunday Creek Co.	No. 112	Inside	96															10		80	
		Outside	17																		
Sunday Creek Co.	No. 114	Inside	77																	140	
		Outside	19																	1	
Sunday Creek Co.	No. 116	Inside	22																	20	
		Outside	7																		
Turkey Knob Coal Co.	Turkey Knob	Inside	119																	5	
		Outside	26																		
		Coke Yard																		14	
White Oak Fuel Co.	Carlisle	Inside	23	8						1			3					3	4	1	
		Outside	25																		
White Oak Fuel Co.	Scarbro and Wingrove	Inside	97							20								6			
		Outside	14																		
White Oak Fuel Co.	Whipple	Inside	42							3			12					32			5
		Outside	10							1											
Wills Branch Coal Co.	Wills Branch	Inside	67																		
		Outside	17																		
Totals			6,611	129	6	1	11	1	....	187	9	4	143	1	6	....	12	415	82	1,357	72

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Nregroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
FAYETTE COUNTY—Cont.																					
St. Clair Colliery Co.	St. Clair and Archer	Inside			25											10		113			
		Outside			7														20		133
Star Coal & Coke Co., The	Star	Inside			47	10		5			5							160			
		Outside			8														15		175
South Side Co.	South Side	Inside			44													80			
		Outside			3														9		89
Stone Cliff Coal & Coke Co.	Stone Cliff	Inside			25													45			
		Outside			2														6		51
Stuart Colliery Co.	Lochgelly	Inside	7		30	10		10	4			2					4	134			
		Outside			5						1								22		156
Stuart Colliery Co.	Summerlee	Inside	6		18	20	1	10	2		15						2	141			
		Outside			2														25		166
Sugar Creek Coal & Coke Co.	Sugar Creek	Inside			40													58			
		Outside																	12		70
Sunday Creek Co.	No. 111	Inside			37	5												166			
		Outside			9														23		189
Sunday Creek Co.	No. 112	Inside			20	3												209			
		Outside			15														32		241
Sunday Creek Co.	No. 114	Inside			67													284			
		Outside			27														47		331
Sunday Creek Co.	No. 116	Inside			28													70			
		Outside			1														8		78
Turkey Knob Coal Co.	Turkey Knob	Inside			45													169			
		Outside																	26		
		Coke Yard			5															19	214
White Oak Fuel Co.	Carlisle	Inside			23	76		4										146			
		Outside			3	4													32		178
White Oak Fuel Co.	Scarbro and Wingrove	Inside	21		34	41					40							259			
		Outside			6														20		279
White Oak Fuel Co.	Whipple	Inside			8													102			
		Outside			4														15		117
Wills Branch Coal Co.	Wills Branch	Inside																67			
		Outside																	17		84
Totals			184	107	2,590	325	1	224	85	12	134	87	3	2		92	7	11,083	1,668	172	12,923

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
GILMER COUNTY																					
Gilmer Fuel Co.	Gilmer	Inside	45																	22	
		Outside	11																		
Katherine Coal Co.	Katherine	Inside	11	1																	
		Outside	1																		
McCaa Coal Co.	McCaa	Inside	21																		
		Outside	4																		
Totals			93	1																22	
GRANT COUNTY																					
Buffalo Creek Cumberland Coal Co.	No. 1	Inside	54																	1	
		Outside	5																		
Davis Coal & Coke Co., The	No. 22	Inside	19	31									1	1				3	22		
		Outside	23	1															4		
Jordan. S. H.	Cottage Street	Inside	8																		
		Outside	1																		
Totals			110	32									1	1				3	26	1	
GREENBRIER COUNTY																					
Elk Lick Coal Co.	Elk Lick	Inside	7	8																	
		Outside	4																		
Totals			11	8																	
HARRISON COUNTY																					
Antler Coal Co.	Katherine	Inside	25	1									1							5	
		Outside	4																		
Byron Coal Co.	Althea	Inside	20															3	2	17	
		Outside	9																		
Blue Ridge Coal Co.	Thompson	Inside	25																		
		Outside	4																		
Calif Coal Co.	Calif	Inside	21	7									1					9		8	
		Outside	8	1																	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
GILMER COUNTY																					
Gilmer Fuel Co.	Gilmer	Inside																67			
		Outside																	11		78
Katherine Coal Co.	Katherine	Inside																12			
		Outside																	1		13
McCaa Coal Co.	McCaa	Inside			11													32			
		Outside																	4		36
Totals					11													111	16		127
GRANT COUNTY																					
Buffalo Creek Cumberland Coal Co.	No. 1	Inside																55			
		Outside																	5		60
Davis Coal & Coke Co., The	No. 22	Inside				3		33		1								114			
		Outside			1														29		143
Jordan, S. H.	Cottage Street	Inside																8			
		Outside																	1		9
Totals					1	3		33		1								177	35		212
GREENBRIER COUNTY																					
Elk Lick Coal Co.	Elk Lick	Inside									7			1				23			
		Outside									2						1		7		30
Totals											9			1			1	23	7		30
HARRISON COUNTY																					
Antler Coal Co.	Katherine	Inside									2							34			
		Outside																	4		38
Byron Coal Co.	Althea	Inside									10							52			
		Outside																	9		61
Blue Ridge Coal Co.	Thompson	Inside																25			
		Outside																	4		29
Calif Coal Co.	Calif	Inside				1		4										51			
		Outside																	9		60

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
HARRISON COUNTY—Cont.																					
Central-Fairmont Coal Co.	Snake Hill	Inside	19																	20	
		Outside	5																		
Clarksburg Coal Mining Co.	Florida	Inside	5																	10	
		Outside	4																		
Consolidation Coal Co., The	No. 21	Inside	60	5					3	2			2		2			8		71	
		Outside	39															1		5	
		Coke Yard	12															2			
Consolidation Coal Co., The	No. 23	Inside	3																	10	
		Outside	2																	1	
Consolidation Coal Co., The	No. 25	Inside	45	4							1							24		38	
		Outside	28															2		4	
Consolidation Coal Co., The	No. 27	Inside	32	7									1							18	1
		Outside	14																		
Consolidation Coal Co., The	No. 29	Inside	33	6		1				1			3					1	4	29	
		Outside	18																	3	
Consolidation Coal Co., The	No. 32	Inside	57	37					2				10				4	25		67	2
		Outside	31																	7	
Consolidation Coal Co., The	No. 33	Inside	20																	7	
		Outside	7																	5	
Consolidation Coal Co., The	No. 35	Inside	20																	30	
		Outside	16																		
Consolidation Coal Co., The	No. 39	Inside	34	9					1									6		5	1
		Outside	18																		
Consolidation Coal Co., The	No. 40	Inside	56	68									2					31	6	59	
		Outside	26																	2	
Consolidation Coal Co., The	No. 42	Inside	22															3		47	
		Outside	11																	1	
Consolidation Coal Co., The	No. 44	Inside	10	4					4											2	4
		Outside	7																		
Consolidation Coal Co., The	No. 48	Inside	34	4							2		2							17	2
		Outside	14																	1	
Consolidation Coal Co., The	No. 50	Inside	5	7			1			1			1					13		16	
		Outside	11																	3	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Total
HARRISON COUNTY—Cont.																					
Central-Fairmont Coal Co.	Snake Hill	Inside			2						4					5		50			
		Outside																	5		55
Clarksburg Coal Mining Co.	Florida	Inside									5					5		25			
		Outside			1														5		30
Consolidation Coal Co., The	No. 21	Inside			5	17		9	1		19	1						205			
		Outside			1			1											47		
		Coke Yard									2									16	268
Consolidation Coal Co., The	No. 23	Inside						4			2							19			
		Outside																	3		22
Consolidation Coal Co., The	No. 25	Inside			11	11	5	2			46	1	28					216			
		Outside			3	1			2		1								41		257
Consolidation Coal Co., The	No. 27	Inside				4	2	2			7							74			
		Outside																	14		88
Consolidation Coal Co., The	No. 29	Inside			10	8		2			39		4					141			
		Outside									3								24		165
Consolidation Coal Co., The	No. 32	Inside	4			16	19	10		2	5			2				262			
		Outside				1					1								40		302
Consolidation Coal Co., The	No. 33	Inside	3								3							31			
		Outside																	7		38
Consolidation Coal Co., The	No. 35	Inside				3	1											54			
		Outside																	16		70
Consolidation Coal Co., The	No. 39	Inside				3	4											63			
		Outside																	18		81
Consolidation Coal Co., The	No. 40	Inside			34						9	1						266			
		Outside																	28		294
Consolidation Coal Co., The	No. 42	Inside				1					1							74			
		Outside																	12		86
Consolidation Coal Co., The	No. 44	Inside									2							26			
		Outside																	7		33
Consolidation Coal Co., The	No. 48	Inside				2	1	4			12							80			
		Outside																	15		95
Consolidation Coal Co., The	No. 50	Inside	1		2	5					1							53			
		Outside			1														15		68

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
HARRISON COUNTY—Cont.																					
Consolidation Coal Co., The	No. 51	Inside	52	2					1				2				4	21		80	
		Outside	22																	4	
Consolidation Coal Co., The	No. 52	Inside	28	2			2			1			2					7		5	1
		Outside	16																		
Consolidation Coal Co., The	No. 51	Inside	29	13																27	
		Outside	12																		
Consolidation Coal Co., The	No. 55	Inside	39	5									2				4	14		51	
		Outside	20							1								2		5	
Consolidation Coal Co., The	No. 53	Inside	8																1	1	
		Outside	6																	1	
Consolidation Coal Co., The	No. 60	Inside	16	3														1		7	
		Outside	3																	1	
Consolidation Coal Co., The	No. 62	Inside	22	1						1			1					1		33	
		Outside	9							2										3	
Consolidation Coal Co., The	No. 64	Inside	15	1									1							17	
		Outside	11																	1	
Consolidation Coal Co., The	No. 65	Inside	16						6				1				2	1	1	14	
		Outside	9																	1	
Consolidation Coal Co., The	No. 66	Inside	36						5									13		43	
		Outside	21	1																	
Corona Coal & Coke Co	Harold	Inside	20	2																10	
		Outside	5																	2	
Fairmont & Baltimore Coal & Coke Co.	Fairmore	Inside	34	5														7		10	
		Outside	12																		
Fairmont & Clarksburg Coal Co	Phoenix	Inside	12	5																3	
		Outside	6																		
Francois Coal & Coke Co	Norwood	Inside	7	3									5					4		22	
		Outside	10																		
Harry B. Coal Co	Piteairn	Inside	25																12	40	
		Outside	12																	3	
Hygrade Coal Co	Page	Inside	3	2														8			
		Outside	4																		
Haywood Coal Mining Co	Monroe	Inside	9															20		5	
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
HARRISON COUNTY—Cont.																					
Consolidation Coal Co., The	No. 51	Inside			8	5		1			6							182			
		Outside									1								27		209
Consolidation Coal Co., The	No. 52	Inside			4	6	5				5							68			
		Outside				1													17		85
Consolidation Coal Co., The	No. 54	Inside	1		1	7		2			7							87			
		Outside			1						1								14		101
Consolidation Coal Co., The	No. 55	Inside				10		8		3	9							145			
		Outside				1	1												25		170
Consolidation Coal Co., The	No. 58	Inside			2			2			11	2						32			
		Outside			1														8		40
Consolidation Coal Co., The	No. 60	Inside																27			
		Outside																	4		31
Consolidation Coal Co., The	No. 62	Inside			4	2												65			
		Outside			1														15		80
Consolidation Coal Co., The	No. 64	Inside				3												37			
		Outside																	12		49
Consolidation Coal Co., The	No. 65	Inside	1		2	4	2				1							51			
		Outside																	10		61
Consolidation Coal Co., The	No. 66	Inside				8		7			8							120			
		Outside																	22		142
Corona Coal & Coke Co	Harold	Inside																32			
		Outside																	7		39
Fairmont & Baltimore Coal & Coke Co	Fairmore	Inside														4		60			
		Outside			1														12		72
Fairmont & Clarksburg Coal Co	Phoenix	Inside																21			
		Outside																	6		27
Francois Coal & Coke Co	Norwood	Inside			3		2	5			6							57			
		Outside																	10		67
Harry B. Coal Co	Pitcairn	Inside				20					12		15					124			
		Outside																	15		139
Hygrade Coal Co	Page	Inside									6							19			
		Outside																	4		23
Haywood Coal Mining Co	Monroe	Inside				5												39			
		Outside				1													5		44

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
HARRISON COUNTY—Cont.																					
Hutchinson Coal Co.	Delta	Inside	14							1										26	
		Outside	6																	2	
Hutchinsou Coal Co.	Erie Nos. 1-2	Inside	25	5							1							2		64	
		Outside	18																	7	
Hutchinson Coal Co.	Florence	Inside	25																	51	
		Outside	7										1								
Hutchinson Coal Co.	Girard Nos. 1-2	Inside	21																	53	
		Outside	12																	2	
Hutchinson Coal Co.	Hutchinson Nos. 2-3	Inside	30	28				22					2				31	18		41	
		Outside	19	1														2		8	
Hutchinson Coal Co.	McCandlish	Inside	16	14													3	15		86	
		Outside	11																	13	
Hutchinson Coal Co.	York	Inside	4																	24	3
		Outside	4																	1	
Johnson McIntyre Coal Co.	Gilbert	Inside	15	5																4	
Klinefelter Coal Co., J. S.	Page	Inside	3	8	6															5	
		Outside	7																		
Lambert Run Coal Co.	Clauson	Inside	37										1							26	
		Outside	9																		
Long Coal Co., J. E.	Burke	Inside	2																	14	
		Outside	3																		
Madeira-Hill-Clark Coal Co.	Goff	Inside	8															3		43	
		Outside	9																		
Madeira-Hill-Clark Coal Co.	Randolph	Inside	49										3							68	
		Outside	18																	2	
Madeira-Hill-Clark Coal Co.	Waldo	Inside	9															2		44	
		Outside	14																		
Marion Gas Coal Co.	Bingamon	Inside	25	17																42	
		Outside	17																	2	
Marshall Coal Co.	Marshall	Inside	29	20														5		50	
		Outside	14	2																9	
Monongah Fuel Co.	Gallihue	Inside	18																	4	
		Outside	5																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
HARRISON COUNTY—Cont.																					
Hutchinson Coal Co.	Delta	Inside				8			3		3							55			
		Outside																	8		63
Hutchinson Coal Co.	Erie Nos. 1-2	Inside			2	6		1			9							115			
		Outside			1														26		141
Hutchinson Coal Co.	Florence	Inside				2			2		17							97			
		Outside					2												10		107
Hutchinson Coal Co.	Girard Nos. 1-2	Inside			9					14								97			
		Outside								2									16		113
Hutchinson Coal Co.	Hutchinson Nos. 2-3	Inside	3			4		3		1	7							190			
		Outside									1								31		221
Hutchinson Coal Co.	McCandlish	Inside	7			16			6									163			
		Outside					1												25		188
Hutchinson Coal Co.	York	Inside																31			
		Outside																	5		36
Johnson McIntyre Coal Co.	Gilbert	Inside																24			24
Klinefelter Coal Co., J. S.	Page	Inside																22			
		Outside																	7		29
Lambert Run Coal Co.	Clauson	Inside			1	4		1			4	2						76			
		Outside																	9		85
Long Coal Co., J. E.	Burke	Inside																16			
		Outside																	3		19
Madeira-Hill-Clark Coal Co.	Goff	Inside			2													56			
		Outside																	9		65
Madeira-Hill-Clark Coal Co.	Randolph	Inside			5	7		2			9							143			
		Outside																	20		163
Madeira-Hill-Clark Coal Co.	Waldo	Inside																55			
		Outside																	14		69
Marion Gas Coal Co.	Bingamon	Inside				19												103			
		Outside				1													20		123
Marshall Coal Co.	Marshall	Inside					9	11			9		11		12			156			
		Outside																	25		181
Monongah Fuel Co.	Gallihue	Inside	2															24			
		Outside																	5		29

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
HARRISON COUNTY—Cont.																					
National Coal Co.	National	Inside	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	....
		Outside	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orr Coal Mining Co.	Miller No. 1	Inside	40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	8	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orr Coal Mining Co.	Miller No. 2	Inside	40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	8	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orr Shields Coal Co.	Phoenix	Inside	13	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
		Outside	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Overholt Coal Co.	Overholt	Inside	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	....
		Outside	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Righter Coal & Coke Co.	Righter	Inside	39	16	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	26	....
		Outside	7	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Rosebud Fuel Co.	No. 1	Inside	9	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rosebud Fuel Co.	No. 2	Inside	24	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	24	....
		Outside	7	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....
Taylor Collieries Co.	No. 1	Inside	4	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	10	....
		Outside	9	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Templeton Coal Co.	Fowler No. 2	Inside	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vincent Coal Co.	Grasselli	Inside	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Virginia-Maryland Coal Corporation	Nos. 1-2-3	Inside	41	14	....	....	....	....	....	....	....	....	....	....	....	....	....	12	6	32	....
		Outside	11	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....
Winchester Coal Co.	Winchester	Inside	7	15	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	5	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals			2,246	380	7	3	....	44	....	12	4	....	45	....	2	....	48	296	34	1,729	14
KANAWHA COUNTY																					
Belmont Coal Co.	Belmont	Inside	92	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	14	....
		Outside	17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Black Band Fuel Co.	No. 1	Inside	65	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
HARRISON COUNTY—Cont.																					
National Coal Co.	National	Inside																23			
		Outside																	3		26
Orr Coal Mining Co.	Miller No. 1	Inside			1						2							52			
		Outside																	10		62
Orr Coal Mining Co.	Miller No. 2	Inside			1						2							52			
		Outside																	10		62
Orr Shields Coal Co.	Phoenix:	Inside			1													22			
		Outside																	6		28
Overholt Coal Co.	Overholt	Inside				4		2										15			
		Outside																	2		17
Righter Coal & Coke Co.	Righter	Inside								1								85			
		Outside																	9		94
Rosebud Fuel Co.	No. 1	Inside						7										32			
		Outside																	4		36
Rosebud Fuel Co.	No. 2	Inside						1										65			
		Outside																	11		76
Taylor Collieries Co.	No. 1	Inside			2	3												21			
		Outside																	10		31
Templeton Coal Co.	Fowler No. 2	Inside																30			
		Outside																	4		34
Vincent Coal Co.	Grasselli	Inside									15							28			
		Outside									2								6		34
Virginia-Maryland Coal Corporation	Nos. 1-2-3	Inside			10						12					11		138			
		Outside																	16		154
Winchester Coal Co.	Winchester	Inside				3		5										39			
		Outside																	4		43
Totals			22	....	133	223	54	98	14	23	337	7	58	2	12	25	....	4,992	864	16	5,872
KANAWHA COUNTY																					
Belmont Coal Co.	Belmont	Inside			3													111			
		Outside																	17		128
Black Band Fuel Co.	No. 1	Inside				2												67			
		Outside																	13		80

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
KANAWHA COUNTY—Cont.																					
Black Band Fuel Co.	No. 2	Inside	45																		
		Outside	13																		
Blue Creek Coal & Land Co.	Blakeley No. 2	Inside	52																		
		Outside	8																		
Blue Creek Coal & Land Co.	No. 3	Inside	55																		
		Outside	11																		
Blue Creek Coal & Land Co.	No. 5	Inside	10																		
Cabin Creek Cons. Coal Co.	Acme	Inside	19																	9	
		Outside	15																	5	
Cabin Creek Cons. Coal Co.	Bellclare	Inside	34										6				7				
		Outside	6														2				
Cabin Creek Cons. Coal Co.	Black Tulip	Inside	41																	11	
		Outside	8																		
Cabin Creek Cons. Coal Co.	Buckeye	Inside	44																		
		Outside	5																		
Cabin Creek Cons. Coal Co.	Caledonia	Inside	19																		
		Outside	2																		
Cabin Creek Cons. Coal Co.	Cherokee	Inside	52										3							2	
		Outside	11																		
Cabin Creek Cons. Coal Co.	Davis	Inside	46										3					4		2	
		Outside	7																		
Cabin Creek Cons. Coal Co.	Empire	Inside	39																		
		Outside	5																		
Cabin Creek Cons. Coal Co.	Holly	Inside	44																		
		Outside	6																		
Cabin Creek Cons. Coal Co.	Kayford	Inside	58										2							20	
		Outside	28																	3	
Cabin Creek Cons. Coal Co.	Keystone	Inside	17																		
		Outside	5																		
Cabin Creek Cons. Coal Co.	Quarrier	Inside	40										3								
		Outside	6																		
Cabin Creek Cons. Coal Co.	Raccoon No. 1	Inside	59																	24	
		Outside	8																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTY—Cont.																					
Black Band Fuel Co.	No. 2	Inside							2									47			
		Outside																	13		60
Blue Creek Coal & Land Co.	Blakeley No. 2	Inside															3	55			
		Outside															1		9		64
Blue Creek Coal & Land Co.	No. 3	Inside																55			
		Outside																	11		66
Blue Creek Coal & Land Co.	No. 5	Inside																10			10
Cabin Creek Cons.Coal Co.	Acme	Inside																28			
		Outside																	20		48
Cabin Creek Cons. Coal Co.	Belleclare	Inside				13		5										65			
		Outside						2											10		75
Cabin Creek Cons. Coal Co.	Black Tulip	Inside				10		6										68			
		Outside																	8		76
Cabin Creek Cons. Coal Co.	Buckeye	Inside			16	4		5										69			
		Outside																	5		74
Cabin Creek Cons. Coal Co.	Caledonia	Inside																19			
		Outside																	2		21
Cabin Creek Cons. Coal Co.	Cherokee	Inside				10		4										71			
		Outside																	11		82
Cabin Creek Cons. Coal Co.	Davis	Inside				4												59			
		Outside																	7		66
Cabin Creek Cons. Coal Co.	Emipre	Inside				3												42			
		Outside																	5		47
Cabin Creek Cons. Coal Co.	Holly	Inside																44			
		Outside																	6		50
Cabin Creek Cons. Coal Co.	Kayford	Inside			6													86			
		Outside			3														34		120
Cabin Creek Cons. Coal Co.	Keystone	Inside				1		3										21			
		Outside																	5		26
Cabin Creek Cons. Coal Co.	Quarrier	Inside				12	7											62			
		Outside																	6		68
Cabin Creek Cons. Coal Co.	Raccoon No. 1	Inside			7			1										91			
		Outside																	8		99

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
KANAWHA COUNTY—Cont.																					
Cabin Creek Cons. Coal Co	Raccoon No. 2 East	Inside	38												5					7	
		Outside	9																		
Cabin Creek Cons. Coal Co	Raccoon No. 2 West	Inside	52												4					12	
		Outside	7												2						
Cabin Creek Cons. Coal Co	Red Warrior	Inside	27																	12	
		Outside	7																		
Cabin Creek Cons. Coal Co	Rose	Inside	23																		15
		Outside	7												2						
Cabin Creek Cons. Coal Co	Ruby	Inside	40															14			
		Outside	7																		
Cabin Creek Cons. Coal Co	Shamrock	Inside	62												9			2		41	
		Outside	5												3					2	
Cabin Creek Cons. Coal Co	Thistle	Inside	49							2											
		Outside	8																		
Cabin Creek Cons. Coal Co	United Gas	Inside	26		4								3							15	
		Outside	10																		
Cabin Creek Cons. Coal Co	United Splint	Inside	14												2					25	
		Outside	4																	5	
Chesapeake Mining Co	Nos. 1-2	Inside	60																	4	
		Outside	9																		
Coalburg Colliery Co	Ronda	Inside	146																		
		Outside	15																		
Coalburg-Kanawha Coal Co., The	"A"	Inside	47																		
		Outside	12																		
Coalburg-Kanawha Coal Co., The	"B"	Inside	79																		
		Outside	12																		
Campbell's Creek Coal Co., The	No. 1	Inside	248																		
		Outside	34																		
Campbell's Creek Coal Co., The	No. 3	Inside	100																		
		Outside	7																		
Cannelton Coal & Coke Co	No. 1	Inside	286																15	25	
		Outside	29																2		
Carbon Coal Co	Eagle	Inside	23										1							1	
		Outside	3										3								

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTY—Cont.																					
Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	Inside			6													56			
		Outside																	9		65
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	Inside											2					70			
		Outside																	9		79
Cabin Creek Cons. Coal Co.	Red Warrior	Inside				1												40			
		Outside																	7		47
Cabin Creek Cons. Coal Co.	Rose	Inside			8	18		6		5								75			
		Outside			2														11		86
Cabin Creek Cons. Coal Co.	Ruby	Inside			8	5		1										68			
		Outside																	7		75
Cabin Creek Cons. Coal Co.	Shamrock	Inside			7													121			
		Outside																	10		131
Cabin Creek Cons. Coal Co.	Thistle	Inside						4										55			
		Outside																	8		63
Cabin Creek Cons. Coal Co.	United Gas	Inside						27										75			
		Outside						4											14		89
Cabin Creek Cons. Coal Co.	United Splint	Inside						20										61			
		Outside																	9		70
Chesapeake Mining Co.	Nos. 1-2	Inside			9			9										82			
		Outside			6														15		97
Coalburg Colliery Co.	Ronda	Inside																146			
		Outside																	15		161
Coalburg-Kanawha Coal Co., The	"A"	Inside																47			
		Outside																	12		59
Coalburg-Kanawha Coal Co., The	"B"	Inside																79			
		Outside																	12		91
Campbell's Creek Coal Co., The	No. 1	Inside			4				6									258			
		Outside			1														35		293
Campbell's Creek Coal Co., The	No. 3	Inside																100			
		Outside																	7		107
Cannelton Coal & Coke Co.	No. 1	Inside			40													366			
		Outside															1		32		398
Carbon Coal Co.	Eagle	Inside			15	3	3											46			
		Outside																	6		52

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
KANAWHA COUNTY—Cont.																					
Carbon Coal Co.	Carbon Splint	Inside	29		6								2					5		3	
		Outside	6																		
Carbon Coal Co.	South Carbon	Inside	20															9		7	
		Outside	3																		
Dry Branch Coal Co.	Dry Branch	Inside	90																		
		Outside	17																		
East Bank Mining Co.	East Bank	Inside	24																		
		Outside	2																		
Eureka Coal Co.	Nos 1-3-4	Inside	18																	4	
		Outside	2																		
Eureka Coal Co.	No. 6	Inside	31																		
		Outside	1																		
Hackett Coal Co.	No. 1	Inside	13																		
		Outside	4																		
Imperial Colliery Co.	No. 1	Inside	64																		
		Outside	9																		
Imperial Colliery Co.	No. 3	Inside	41															15			
		Outside	10															4			
Imperial Colliery Co.	No. 4	Inside	12																	19	
		Outside	1																		
Pen Mar Mining Co.	No. 3	Inside	9																		
		Outside	1																		
Kanawha River Coal Co.	No. 2 Gas	Inside	8																		
Kelly's Creek Colliery Co.	No. 1	Inside	50						7									35			
		Outside	8																		
Kelly's Creek Colliery Co.	Nos. 3 and 3½	Inside	96															41			
		Outside	15																		
Lewis Coal & Coke Co.	No. 2	Inside	64																1		
		Outside	7																		
Lewiston Block Coal Co.	Lewiston	Inside	17																	5	
		Outside	3																		
Marmet Coal Co., The	Black Band	Inside	49																	18	
		Outside	10																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTY—Cont.																					
Carbon Coal Co	Carbon Splint	Inside			30	6	10						1					92			
		Outside																	6		98
Carbon Coal Co	South Carbon	Inside			12	3	4											55			
		Outside																	3		58
Dry Branch Coal Co	Dry Branch	Inside																90			
		Outside																	17		107
East Bank Mining Co	East Bank	Inside																24			
		Outside																	2		26
Eureka Coal Co	Nos. 1-3-4	Inside			21													43			
		Outside			2														4		47
Eureka Coal Co	No. 6	Inside			18													49			
		Outside			1														2		51
Hackett Coal Co	No. 1	Inside			3													16			
		Outside																	4		20
Imperial Colliery Co	No. 1	Inside			22													86			
		Outside			2														11		97
Imperial Colliery Co	No. 3	Inside			26													82			
		Outside			1														15		97
Imperial Colliery Co	No. 4	Inside																31			
		Outside																	1		32
Pen Mar Mining Co	No. 3	Inside																9			
		Outside																	1		10
Kanawha River Coal Co	No. 2 Gas	Inside			4													12			12
Kelly's Creek Colliery Co	No. 1	Inside			15	2		1										110			
		Outside																	8		118
Kelly's Creek Colliery Co	Nos. 3 and 3½	Inside			18	12		5	1									173			
		Outside			2														17		190
Lewis Coal & Coke Co	No. 2	Inside				3												68			
		Outside																	7		75
Lewiston Block Coal Co	Lewiston	Inside																22			
		Outside																	3		25
Marmet Coal Co., The	Black Band	Inside			5													72			
		Outside																	10		82

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
KANAWHA COUNTY—Cont.																					
Marmet Coal Co., The	Monarch	Inside	54																		
		Outside	15																		
Marmet Coal Co., The	New Butler	Inside	46																		
		Outside	4																		
Mill Creek Cannel Mining Co	Villa	Inside	19																		
		Outside	5																		
Montgomery Coal Co	Kanawha	Inside	41																		
		Outside	12																		
Morris Fork Coal Co	Turner No. 2	Inside	55										3					8			
		Outside	9																		
National Bituminous Coal & Coke Co.	No. 1	Inside	35																		
		Outside	8																		
National Bituminous Coal & Coke Co.	No. 2	Inside	83										1							2	
		Outside	11																		
Paint Creek Collieries Co	Banner	Inside																7		36	
		Outside	8																		
Paint Creek Collieries Co	Grose	Inside	35															13		6	
		Outside	16												9					22	
Paint Creek Collieries Co	Paint Creek	Inside	149										12					9		19	
		Outside	19																		
Paint Creek Collieries Co	Reynolds	Inside	90																		
		Outside	12																		
Paint Creek Collieries Co	Scranton	Inside	86										4					5		8	
		Outside	10																		
Paint Creek Collieries Co	Wacomah	Inside	28															6		12	
		Outside	12																		
Quincy Coal Co	No. 1	Inside	10																		
Quincy Coal Co	No. 2	Inside	45																		
		Outside	13																		
Republic Coal Co	No. 1	Inside	27										2							4	
		Outside	4																		
Republic Coal Co	No. 2	Inside	17																	27	
		Outside	2																	1	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTY—Cont.																					
Marmet Coal Co., The	Monarch	Inside			11													65			
		Outside																	15		80
Marmet Coal Co., The	New Butler	Inside																46			
		Outside																	4		50
Mill Creek Cannel Mining Co	Villa	Inside																19			
		Outside																	5		24
Montgomery Coal Co	Kanawha	Inside			17													58			
		Outside			5														17		75
Morris Fork Coal Co	Turner No. 2	Inside																66			
		Outside																	9		75
National Bituminous Coal & Coke Co	No. 1	Inside			5								2					42			
		Outside																	8		50
National Bituminous Coal & Coke Co	No. 2	Inside			3	2												91			
		Outside																	11		102
Paint Creek Collieries Co	Banner	Inside																43			
		Outside																	8		51
Paint Creek Collieries Co	Grose	Inside				16												70			
		Outside																	47		117
Paint Creek Collieries Co	Paint Creek	Inside			18													207			
		Outside			10														29		236
Paint Creek Collieries Co	Raynolds	Inside																90			
		Outside																	12		102
Paint Creek Collieries Co	Scranton	Inside			14													117			
		Outside																	10		127
Paint Creek Collieries Co	Wacomah	Inside																46			
		Outside																	12		58
Quincy Coal Co	No. 1	Inside																10			10
Quincy Coal Co	No. 2	Inside																45			
		Outside																	13		58
Republic Coal Co	No. 1	Inside			2	9												44			
		Outside																	4		48
Republic Coal Co	No. 2	Inside				2												46			
		Outside			2														5		51

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Republic Coal Co.	No. 3	Inside	32										2							5	
		Outside	6																		
Republic Coal Co.	No. 5	Inside	11										2		4					5	
		Outside	4										1								
Standard-Kanawha Coal Mining Co.	Coalridge No. 1	Inside	104										3								
		Outside	18																		
Standard-Kanawha Coal Mining Co.	Acme No. 2	Inside	34																		
		Outside	6																		
Standard Splint & Gas Coal Co.	Standard	Inside	90																	10	
		Outside	13																		
Southwestern Splint Fuel Co.	Black Cat	Inside	56																	2	
		Outside	6																		
Sunday Creek Co.	No. 101	Inside	47																		
		Outside	8																		
Sunday Creek Co.	No. 104	Inside	77															3			
		Outside	14																		
Sunday Creek Co.	No. 105	Inside	140															15			
		Outside	23																		
Sunday Creek Co.	No. 108	Inside	81															15			
		Outside	9																		
Virginia Coal Co.	Virginia	Inside	72																		
		Outside	4																		
Wake Forest Mining Co.	Wake Forest	Inside	42										4								
		Outside	4																		
West Virginia Colliery Co.	No. 1	Inside	20															5			
		Outside	5																		
West Virginia Colliery Co.	No. 3	Inside	44										8					3		31	
		Outside	10																	5	
West Virginia Colliery Co.	No. 4	Inside	40										1		3						
		Outside	6																		
Winifrede Coal Co.	North, South & West	Inside	276										4					2		6	
		Outside	62																		
Wyatt Coal Co.	Berlin	Inside	38						15												
		Outside	5																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTY—Cont.																					
Republic Coal Co.	No. 3	Inside				10												49			
		Outside				2													8		57
Republic Coal Co.	No. 5	Inside				10												32			
		Outside																	5		37
Standard-Kanawha Coal Mining Co.	Coalridge No. 1	Inside																107			
		Outside																	18		125
Standard-Kanawha Coal Mining Co.	Acme No. 2	Inside																34			
		Outside																	6		40
Standard Splint & Gas Coal Co.	Standard	Inside			19													119			
		Outside																	13		132
Sovthwstern Splint Fuel Co	Black Cat	Inside			2													60			
		Outside			2														8		68
Sunday Creek Co.	No. 101	Inside			1													48			
		Outside			2														10		58
Sunday Creek Co.	No. 104	Inside			10													90			
		Outside																	14		104
Sunday Creek Co.	No. 105	Inside		20														175			
		Outside																	23		198
Sunday Creek Co.	No. 108	Inside			6													102			
		Outside																	9		111
Virginia Coal Co.	Virginia	Inside																72			
		Outside																	4		76
Wake Forest Mining Co.	Wake Forest	Inside			42													88			
		Outside			3														7		95
West Virginia Colliery Co.	No. 1	Inside			30	2		7										64			
		Outside			7														12		76
West Virginia Colliery Co.	No. 3	Inside			6	8		3										103			
		Outside																	15		118
West Virginia Colliery Co.	No. 4	Inside			9		8											61			
		Outside			1														7		68
Winifrede Coal Co.	North-South & West	Inside			72				12									372			
		Outside			2														64		436
Wyatt Coal Co.	Berlin	Inside			8				15									76			
		Outside			2														7		83

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
KANAWHA COUNTY—Cont.																					
Wyatt Coal Co.	Horton	Inside	100																		
		Outside	10																		
Wyatt Coal Co.	Oakley	Inside	52														3				
		Outside	8																		
Totals			5,801	11					24			73		43		9	223		19	496	
LEWIS COUNTY																					
Burrows Coal Co.	Polar	Inside																		7	
		Outside	4																		
Totals			4																	7	
LINCOLN COUNTY																					
Branchland Coal Co.	Branchland	Inside	41																		
		Outside	6																		
Guyan River Coal Co.	Guyan River	Inside	15																		
		Outside	5																		
Totals			67																		
LOGAN COUNTY																					
Amherst Coal Co.	Nos. 1-2	Inside	50		9								7				20	14			
		Outside	21																		
Aracoma Coal Co.	Aracoma Nos. 1-2	Inside	40		10												10	15		4	
		Outside	40															5			
Argyle Coal Co.	Argyle	Inside	11		8														4	1	
		Outside	9																		
Avon Coal Co., The	Avon	Inside	105																		
		Outside	14																		
Bengal Coal Co.	Bengal	Inside	28															7			
		Outside	4																		
Black Hawk Colliery Co.	Black Hawk	Inside	21															4			
		Outside	3																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
KANAWHA COUNTQ—Cont.																					
Wyatt Coal Co.	Horton	Inside			48				10									158			
		Outside																	10		168
Wyatt Coal Co.	Oakley	Inside			8													63			
		Outside																	8		71
Totals			15	20	690	173	32	112	47	5			5				5	6,827	979		7,806
LEWIS COUNTY																					
Burrows Coal Co.	Polar	Inside									3							10			
		Outside																	4		14
Totals											3							10	4		14
LINCOLN COUNTY																					
Branchland Coal Co.	Branchland	Inside			3													44			
		Outside																	6		50
Guyan River Coal Co.	Guyan River	Inside																15			
		Outside																	5		20
Totals					3													59	11		70
LOGAN COUNTY																					
Amherst Coal Co.	Nos. 1-2	Inside						2										102			
		Outside																	21		123
Aracoma Coal Co.	Aracoma Nos. 1-2	Inside			4	5					1					20		109			
		Outside																	45		154
Argyle Coal Co.	Argyle	Inside			3	3				12								42			
		Outside																	9		51
Avon Coal Co., The	Avon	Inside																105			
		Outside																	14		119
Bengal Coal Co.	Bengal	Inside			1													35			
		Outside																	5		40
Black Hawk Colliery Co.	Black Hawk	Inside																25			
		Outside																	3		28

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
LOGAN COUNTY—Continued																					
Buffalo Eagle Colliery Co	Buffalo Eagle	Inside	20															4			
		Outside	4																		
Buffalo Eagle Colliery Co	No. 2	Inside	17															2			
		Outside	3																		
Coal River Coal & Ccke Co	Dobra	Inside	25															31		5	
		Outside	6															1			
Coal Valley Mining Co., The	Sylvia	Inside	55		2													3		3	
		Outside	10																		
Cora Coal & Coke Co	Cora	Inside	14															36		1	
		Outside	2															2			
Crown Coal & Coke Co	Crown	Inside	39																	2	
		Outside	8																		
Cub Fork Coal Co	Cub Fork	Inside	25																	7	
		Outside	9																		
Draper Coal & Coke Co	Draper	Inside	54																		
		Outside	8																		
Eagle Island Coal Co	Kistler	Inside	29																	3	
		Outside	8																		
Ethel Coal Co., The	Nos. 1-2	Inside	47				2											60		12	
		Outside	18															5		7	
Ft. Branch Coal Corporation	Ft. Branch	Inside	38	5																5	
		Outside	6	1											1						
Frieze Fork Coal Mining Co., The	Frieze Fork	Inside	29																		
		Outside	7																		
Gay Coal & Coke Co., The	Gay	Inside	109																		
		Outside	18																		
George's Creek Coal Co., Inc	George's Creek	Inside	33															6			
		Outside	13																		
Guyandotte Coal Co	Guyandotte	Inside	37																		
		Outside	8																		
Huddleston Coal & Coke Co	Huddleston	Inside	8															20			
		Outside	10																		
Island Creek Colliery Co	Switzer	Inside	3				6											25		25	
		Outside	10				6											1		14	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Total
LOGAN COUNTY—Continued																					
Buffalo Eagle Colliery Co.	Buffalo Eagle	Inside			3													27			
		Outside																	4		31
Buffalo Eagle Colliery Co.	No. 2	Inside																19			
		Outside																	3		22
Coal River Coal & Coke Co.	Dobra	Inside			4	5												70			
		Outside																	7		77
Coal Valley Mining Co., The	Sylvia	Inside				15	2	1										81			
		Outside																	10		19
Cora Coal & Coke Co.	Cora	Inside			6	2		4			8							71			
		Outside			4	2													10		81
Crown Coal & Coke Co.	Crown	Inside																41			
		Outside																	8		49
Cub Fork Coal Co.	Cub Fork	Inside			3	7	1	2			5					1		51			
		Outside																	9		60
Draper Coal & Coke Co.	Draper	Inside																54			
		Outside																	8		62
Eagle Island Coal Co.	Kistler	Inside																32			
		Outside																	8		40
Ethel Coal Co., The	Nos. 1-2	Inside			30		3											154			
		Outside																	30		184
Ft. Branch Coal Corporation	Ft. Branch	Inside		3		5												56			
		Outside				1											1		10		66
Frieze Fork Coal Mining Co., The	Frieze Fork	Inside					4											33			
		Outside																	7		40
Gay Coal & Coke Co., The	Gay	Inside																109			
		Outside																	18		127
George's Creek Coal Co., Inc.	George's Creek	Inside									4							43			
		Outside																	13		56
Guyandotte Coal Co.	Guyandotte	Inside			2													39			
		Outside			2														10		49
Huddleston Coal & Coke Co.	Huddleston	Inside			7													35			
		Outside																	10		45
Island Creek Colliery Co.	Switzer	Inside			4	10	31											104			
		Outside					3												34		138

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Harwatt	Hungarians	Irish	Italians	Lithuanians
LOGAN COUNTY—Cont.																					
Island Creek Block Coal Co.	Anthony	Inside	8															11			
		Outside	7																		
Johnson Coal Mining Co., E. R.	Nos. 1-2	Inside	34																		
		Outside	4																		
Jones-Parsons Coal Co.	Ida May	Inside	29	5																	
		Outside	7																		
Kohinoor Coal & Coke Co.	Kohinoor	Inside	20	10				4										15		4	
		Outside	3															2			
Lincoln Coal Mining Co.	Lincoln	Inside	20															2			
		Outside	4																		
Litz Smith Coal Co.	Litz Smith	Inside	16										1					2		2	
		Outside	2																		
Logan Coal Co.	Logan	Inside	40																		13
		Outside	17																4		1
Logan Mining Co.	Earling	Inside	20	10														28			
		Outside	14																		
Logan Mining Co.	Manatoba	Inside	26							1								4		10	
		Outside	9																	5	
Logan Mining Co.	Mona	Inside	14															20			
		Outside	15															1			
Logan Mining Co.	Wanda	Inside	28															24		3	
		Outside	10																	3	
Long Flame Coal Co.	Long Flame	Inside	1					2							2		1			6	
		Outside	2															5			
Lorain Coal & Dock Co., The	Lorado	Inside	37	2																	
		Outside	6																		
Main Island Creek Coal Co.	Nos. 2-3	Inside	37							8								10	5		
		Outside	5																		
Main Island Creek Coal Co.	No. 4	Inside	150							30								40	20		
		Outside	20																		
Main Island Creek Coal Co.	Nos. 5-6	Inside	75							15								20	10		
		Outside	10																		
Maher-Pursglove Mining Co.	No. 5	Inside	6															20			
		Outside	6																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
LOGAN COUNTY—Cont.																					
Island Creek Block Coal Co.	Anthony	Inside																19			
		Outside																	7		26
Johnson Coal Mining Co., E. R.	Nos. 1-2	Inside																34			
		Outside																	4		38
Jones-Parsons Coal Co.	Ida May	Inside														5		39			
		Outside																	7		46
Kohinoor Coal & Coke Co.	Kohinoor	Inside			30	6		3									1	93			
		Outside			8														13		106
Lincoln Coal Mining Co.	Lincoln	Inside			2													24			
		Outside																	4		
Litz Smith Coal Co.	Litz Smith	Inside																21			
		Outside																	2		23
Logan Coal Co.	Logan	Inside				13						9	14					89			
		Outside																	22		111
Logan Mining Co.	Earling	Inside			6	6				1								71			
		Outside			1														15		86
Logan Mining Co.	Manitoba	Inside			10						10							61			
		Outside																	14		75
Logan Mining Co.	Mona	Inside					14											48			
		Outside			1														17		65
Logan Mining Co.	Wanda	Inside			8					7								70			
		Outside			2					2	2								19		89
Long Flame Coal Co.	Long Flame	Inside			43	1												56			
		Outside																	7		63
Lorain Coal & Doek Co., The	Lorado	Inside			2	2												43			
		Outside																	6		49
Main Island Creek Coal Co.	Nos. 2-3	Inside			10													70			
		Outside																	5		75
Main Island Creek Coal Co.	No. 4	Inside			40													280			
		Outside																	20		300
Main Island Creek Coal Co.	Nos. 5-6	Inside			20													140			
		Outside																	10		150
Maher-Pursglove Mining Co.	No. 5	Inside			10													36			
		Outside			3		1												10		46

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
LOGAN COUNTY—Cont.																					
Manbor Coal Co.	Manbor	Inside	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mifflin Coal Co.	Nos. 1-2	Inside	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	5	....
		Outside	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Monitor Coal & Coke Co.	Monitor Nos. 1-3 and Beechwood	Inside	122	....	....	....	....	....	....	2	....	....	....	....	....	....	....	59	....	57	....
		Outside	33	....	....	....	....	....	....	1	....	....	1	....	....	....	....	2	....	6	....
McGregor Coal Co.	McGregor	Inside	87	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Opperman Coal Co., The	Opperman	Inside	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paragon Colliery Co.	Paragon	Inside	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	....	3	....
		Outside	15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rex Coal & Coke Co.	Rex	Inside	30	....	....	....	....	....	....	....	....	....	....	....	....	....	33	....	....	....	....
		Outside	15	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
Rich Creek Coal Co.	Wilburn	Inside	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	....	3	....
		Outside	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ruffner Coal Co.	Ruffner	Inside	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	....	....	....
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
Shamrock Coal Co.	Litz & Smith	Inside	52	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	2	....
		Outside	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Spruce Bend Coal Co.	Sharples	Inside	18	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	14	....
		Outside	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Spruce Valley Coal Co.	Spruce Valley	Inside	44	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	1	1	....
		Outside	10	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Stone Branch Coal Corporation	Stone Branch	Inside	68	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....
		Outside	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Sovereign Coal Co.	Sovereign	Inside	55	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
		Outside	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Sunbeam Coal Co.	Sunbeam	Inside	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....
		Outside	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Summers Coal Co., H. B.	Summers	Inside	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
		Outside	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
LOGAN COUNTY—Cont.																					
Manbor Coal Co.	Manbor	Inside																25			
		Outside																	2		27
Mifflin Coal Co.	Nos. 1-2	Inside			7	7												48			
		Outside			2														9		57
Monitor Coal & Coke Co.	Monitor Nos. 1-3 and Beechwood	Inside			11							1						252			
		Outside																	43		295
McGregor Coal Co.	McGregor	Inside			25													116			
		Outside																	10		126
Opperman Coal Co., The	Opperman	Inside			16						11							46			
		Outside																	7		53
Paragon Colliery Co.	Paragon	Inside			10	20					3					6		83			
		Outside																	15		98
Rex Coal & Coke Co.	Rex	Inside			11	2												76			
		Outside																	16		92
Rich Creek Coal Co.	Wilburn	Inside																26			
		Outside																	7		33
Ruffuer Coal Co.	Ruffner	Inside			2													13			
		Outside																	2		15
Shamrock Coal Co.	Litz & Smith	Inside			2													58			
		Outside			2														8		66
Spruce Bend Coal Co.	Sharples	Inside			13													48			
		Outside																	10		58
Spruce Valley Coal Co.	Spruce Valley	Inside			27	7												83			
		Outside			1														12		95
Stone Branch Coal Corporation	Stone Branch	Inside			6													77			
		Outside			2														15		92
Sovereign Coal Co.	Sovereign	Inside			2	1					6							69			
		Outside																	6		75
Sunbeam Coal Co.	Sunbeam	Inside																37			
		Outside																	8		45
Summers Coal Co., H. B.	Summers	Inside																25			
		Outside																	3		28

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
LOGAN COUNTY—Cont.																					
Thomas, D. C. Coal Co.	Grace	Inside	13															10		6	
		Outside	6																		
United States Coal & Oil Co.	No. 1	Inside	25	30														65		75	
		Outside	20	2														2			
United States Coal & Oil Co.	No. 2	Inside	8	4														29			
		Outside	8	1																	
United States Coal & Oil Co.	No. 3	Inside	33	11			12											32		2	
		Outside	14	2														3			
United States Coal & Oil Co.	No. 4	Inside	44	8			40											39		3	
		Outside	13				1											1			
United States Coal & Oil Co.	No. 6	Inside	8	11						4			5							71	
		Outside	12																		
United States Coal & Oil Co.	No. 7	Inside	41	50											2			42		5	
		Outside	13	2														3			
United States Coal & Oil Co.	No. 8	Inside	38	46									1		2			42		8	
		Outside	18	2														1			
United States Coal & Oil Co.	No. 10	Inside	26	5									1							16	
		Outside	5																		
United States Coal & Oil Co.	No. 11	Inside	30										1					5		18	
		Outside	8																		
United States Coal & Oil Co.	No. 12	Inside	38															3	1	15	
		Outside	9																		
Virginia Buffalo Coal Co.	Virginia Buffalo	Inside	27															1			
		Outside	5																		
Wilson Coal Co., H. T.	Wilson	Inside	66							1								6		2	
		Outside	10																		
Yuma Coal & Coke Co., The	Yuma	Inside	33	2									2					21		37	
		Outside	13																	1	
Totals			3,163	243			67	6		67			19		9		65	852	46	499	14

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
LOGAN COUNTY—Cont.																					
Thomas, D. C. Coal Co.	Grace	Inside					20											49			
		Outside																	6		55
United States Coal & Oil Co.	No. 1	Inside			12	6	10	4										227			
		Outside			1		1												26		253
United Stat.s Coal & Oil Co.	No. 2	Inside			10		11				9							92			
		Outside			2		2				1								14		106
United States Coal & Oil Co.	No. 3	Inside					10	12			5							117			
		Outside						1											20		137
United States Coal & Oil Co.	No. 4	Inside					11	11			6							162			
		Outside					3	1											19		181
United States Coal & Oil Co.	No. 6	Inside			8		1		1									109			
		Outside																	12		121
United States Coal & Oil Co.	No. 7	Inside			9	2	12	4			3							170			
		Outside				3		1			2								24		194
United States Coal & Oil Co.	No. 8	Inside			7	13	6	12			5							180			
		Outside				1		1			1								24		204
United States Coal & Oil Co.	No. 10	Inside				9		7			1			3				68			
		Outside																	5		73
United States Coal & Oil Co.	No. 11	Inside			10	7	6	4		2		5						88			
		Outside																	8		96
United States Coal & Oil Co.	No. 12	Inside			13	8	7	2				8						95			
		Outside																	9		104
Virginia-Buffalo Coal Co.	Virginia-Buffalo	Inside																28			
		Outside																	5		33
Wilson Coal Co., H. T.	Wilson	Inside				2												77			
		Outside																	10		87
Yuma Coal & Coke Co., The	Yuma	Inside						4										99			
		Outside																	14		113
Totals			....	3	480	171	159	76	1	24	83	23	14	3	....	32	2	5,278	843	....	6,121

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MARION COUNTY																					
Buttermore Coal Co., J. J.	Elizabeth	Inside	14																		
		Outside	1																		
Catawba Coal Co	Catawba	Inside	12																	1	
		Outside	2																		
Consolidation Coal Co., The	No. 22	Inside	57	12				20					5							216	
		Outside	82																	12	
Consolidation Coal Co., The	No. 24	Inside	37	12				50		1			13		2		2	30	2	1	4
		Outside	36					2										1		1	
Consolidation Coal Co., The	No. 26	Inside	93	3							1		1		30		3			112	2
		Outside	44																	20	
Consolidation Coal Co., The	No. 28	Inside	29	15						1			2					4	2	28	
		Outside	12																	4	
Consolidation Coal Co., The	No. 36	Inside	21	3																115	1
		Outside	9																	11	
Consolidation Coal Co., The	No. 38	Inside	86	20				9					2				5	8	1	95	
		Outside	23																	11	
Consolidation Coal Co., The	No. 43	Inside	55	11				32		3			7				17	2		48	7
		Outside	21																	7	
		Coke Yard	10	2				3									2			20	
Consolidation Coal Co., The	No. 45	Inside	2								2									8	
		Outside	13																		
Consolidation Coal Co., The	No. 47	Inside	42	4						1										59	
		Outside	25																	16	
Consolidation Coal Co., The	No. 53	Inside	18	6									3					2		88	
		Outside	16																	1	
Consolidation Coal Co., The	No. 56	Inside	49	2							1	1					18			65	
		Outside	31																	2	
Consolidation Coal Co., The	No. 59	Inside	1																	10	
		Outside	2																	1	
Consolidation Coal Co., The	No. 63	Inside	45	6				15					5				4	2		159	2
		Outside	19					1												10	
Consolidation Coal Co., The	No. 68	Inside	16																	40	
		Outside	12																	1	
Consolidation Coal Co., The	No. 82	Inside	2																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MARION COUNTY																					
Buttermore Coal Co., J. J	Elizabeth	Inside																14			
		Outside																	1		15
Catawba Coal Co	Catawba	Inside																13			
		Outside																	2		15
Consolidation Coal Co., The	No. 22	Inside				23												333			
		Outside				2							1						97		430
Consolidation Coal Co., The	No. 24	Inside	2			10		4			15							185			
		Outside																	40		225
Consolidation Coal Co., The	No. 26	Inside			24	8		4			10							291			
		Outside			2	1													64		355
Consolidation Coal Co., The	No. 28	Inside				8								1				90			
		Outside									1								17		107
Consolidation Coal Co., The	No. 36	Inside				15				2	9							166			
		Outside				1													21		137
Consolidation Coal Co., The	No. 38	Inside				14	1	1	2		14	1				2		261			
		Outside																	34		295
Consolidation Coal Co., The	No. 43	Inside				80		7		3	29		6		7			314			
		Outside																	2		
		Coke Yard			2	2		5			6									52	394
Consolidation Coal Co., The	No. 45	Inside				10					41							89			
		Outside																	13		102
Consolidation Coal Co., The	No. 47	Inside			9	7					14			1				137			
		Outside				1													42		179
Consolidation Coal Co., The	No. 53	Inside				5					7							129			
		Outside																	17		146
Consolidation Coal Co , The	No. 56	Insi e			4				2		25							167			
		Outside			1						1								35		202
Consolidation Coal Co., The	No. 59	Inside				6					5							22			
		Outside																	3		25
Consolidation Coal Co., The	No. 63	Inside			22	25		7		5	6				3			391			
		Outside																	30		421
Consolidation Coal Co., The	No. 68	Inside									13							69			
		Outside																	13		82
Consolidation Coal Co., The	No. 82	Inside																2			2

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MARION COUNTY—Cont.																					
Consolidation Coal Co., The	No. 84	Inside	60	12														35		77	2
		Outside	20																	9	
Consolidation Coal Co., The	No. 85	Inside																		1	1
Dakota Coal & Coke Co.	No. 2	Inside	70	7						3			3				7	6		17	
		Outside	25							1			3								
Fairmont & Cleveland Coal Co.	Parker Run	Inside	32	3		3												25		18	
		Outside	11															2			
Federal Coal & Coke Co.	Federal	Inside	240	75				55										30		20	
		Outside	25																	30	
Four States Coal & Coke Co.	Annabelle	Inside	61	35		20				25	3		1				39	14	14	34	3
		Outside	37								1						1			13	
Harry B. Coal Co.	Harry B. & Junior	Inside	6																	40	
		Outside	4																		
Jamison Coal & Coke Co.	No. 7	Inside	35	70			8						2				25	20	3	10	
		Outside	35	2									1				1		2	20	
Jamison Coal & Coke Co.	No. 8	Inside	20	81						1	2						19	9		36	
		Outside	33	1		1							1				3			14	
Jamison Coal & Coke Co.	No. 9	Inside	21	61	3		9	14					4		2		10	72	6	21	
		Outside	24	6														14			
McCoy Coal Co.	McCoy	Inside	2																		
		Outside	1																		
New Central Coal Co.	Stafford	Inside	57																113		9
		Outside	36																4		5
Phillips Coal Co.	Phillips	Inside	17																		
		Outside	6																		
Robinson Coal Co.	James	Inside	4																		
Virginia & Pittsburgh Coal Co., The	Kingmont	Inside	168																	79	
		Outside	28																	16	
		Coke Yard																		3	
Virginia & Pittsburgh Coal Co., The	Morgan	Inside	68																		
		Outside	10																		
Totals			2,119	449	3	24	17	201		36	10	1	53		34		156	276	147	1,620	36

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MARION COUNTY—Cont.																					
Consolidation Coal Co., The	No. 84	Inside			2	21		49			12							270			
		Outside																	29		299
Consolidation Coal Co., The	No. 85	Inside																2			2
Dakota Coal & Coke Co	No. 2	Inside				30		17			22							182			
		Outside																	29		211
Fairmont & Cleveland Coal Co	Parker Run	Inside	12			4		4			3							104			
		Outside																	13		117
Federal Coal & Coke Co	Federal	Inside			40		15	80		18								573			
		Outside																	55		628
Four States Coal & Coke Co	Annabelle	Inside	2		58	23	7	47	6		30		25					447			
		Outside			2	1		3											58		505
Harry B. Coal Co	Harry B. & Junior	Inside									10							56			
		Outside																	4		60
Jamison Coal & Coke Co	No. 7	Inside	5		10	15		20								15	5	243			
		Outside			3	5										11			80		323
Jamison Coal & Coke Co	No. 8	Inside	7		2	22		114			5							318			
		Outside			2	1		1											57		375
Jamison Coal & Coke Co	No. 9	Inside			10	31	8											272			
		Outside																	44		316
MeCoy Coal Co	MeCoy	Inside									1							3			
		Outside																	1		4
New Central Coal Co	Stafford	Inside				10	13		3									205			
		Outside					2												47		252
Phillips Coal Co	Phillips	Inside																17			
		Outside																	6		23
Robinson Coal Co	James	Inside																4			4
Virginia & Pittsburgh Coal Co., The	Kingmont	Inside				17					16							280			
		Outside																	44		
		Coke Yard																		3	327
Virginia & Pittsburgh Coal Co The	Morgan	Inside				23					22							113			
		Outside																	10		123
Totals			28		193	421	46	363	13	28	317	1	32	2	95	28	5	5,762	937	55	6,754

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MARSHALL COUNTY																					
Ben Franklin Coal Co. of West Virginia	Panama	Inside	23	3									10						4	8	
		Outside	14																		
Glendale Coal Co.	Glendale	Inside	24					4		5								23			2
		Outside	16																		
Hitchman Coal & Coke Co.	Hitchman	Inside	85	10	2			94		2	1		13					65		2	
		Outside	40															5			
Kuntz Bros. & Miller	Bogg's Run	Inside	10																		
Mound Coal Co.	Mound	Inside	38	21		1		2		1	1		2	10					3	3	3
		Outside	20							1			1								3
Parr's Run Coal Co.	Parr's Run	Inside	36	10														24		6	
		Outside	14																		
Wheeling Steel & Iron Co	Benwood	Inside	81			11				6			2						3	19	
		Outside	15										1							1	
Totals			416	44	2	12		100		15	2		29	10				117	10	39	5
MASON COUNTY																					
Hutchinson Coal Co.	Linden	Inside	127																		
		Outside	26																		
Jackson Coal Mining Co.	Jackson	Inside	41																		
		Outside	10																		
Newton, J. M. & D. & E.	Sliding Hill	Inside	24																		
		Outside	5																		
Totals			233																		
McDOWELL COUNTY																					
Arlington Coal & Coke Co.	Arlington	Inside	35																	39	
		Outside	10																		
		Coke Yard	1																	11	
Algoma Coal & Coke Co.	Algoma	Inside	44												8			11		6	
		Outside	18							1								1		5	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MARSHALL COUNTY																					
Ben Franklin Coal Co. of West Virginia	Panama	Inside	6			8		40	2		16							120			
		Outside																	14		134
Glendale Coal Co.	Glendale	Inside				45												103			
		Outside																	16		119
Hitchman Coal & Coke Co.	Hitchman	Inside				77	1	65		10								430			
		Outside				5													50		480
Kuntz Bros. & Miller	Bogg's Run	Inside																10			10
Mound Coal Co.	Mound	Inside			1	14		25	6								2	133			
		Outside					1												23		156
Parr's Run Coal Co.	Parr's Run	Inside			4						10						1	91			
		Outside																	14		105
Wheeling Steel & Iron Co.	Benwood	Inside				4												126			
		Outside																	17		143
Totals			6		5	153	2	130	8	10	26						3	1,013	134		1,147
MASON COUNTY																					
Hutchinson Coal Co.	Linden	Inside																127			
		Outside																	26		153
Jackson Coal Mining Co.	Jackson	Inside																41			
		Outside																	10		51
Newton, J. M. & D. E.	Sliding Hill	Inside																24			
		Outside																	5		29
Totals																		192	41		233
McDOWELL COUNTY																					
Arlington Coal & Coke Co.	Arlington	Inside			59													133			
		Outside			22														32		
		Coke Yard			33															45	210
Algoma Coal & Coke Co.	Algoma	Inside			120	2		4										195			
		Outside			9	1													35		230

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
Algoma Coal & Coke Co	Ashland & Graeber	Inside	20															30		112	
		Outside	16																	14	
		Coke Yard	1																		
Bell Coal & Mining Co., The	Vaughan	Inside	62																		
		Outside	8																		
Bottom Creek Coal & Coke Co	No. 1	Inside	20										1					1		11	
		Outside	28							1			1							1	
Bottom Creek Coal & Coke Co	No. 2	Inside	18																	10	
		Outside	4							1											
Black Wolf Coal & Coke Co	Black Wolf	Inside	51																		
		Outside	16																		
Buchannon Coal Co	Buchannon	Inside	19										1					3			
		Outside	1																		
Carter Coal Co	Caretta	Inside	93												3			40		8	
		Outside	9										1							2	
Carter Coal Co	No. 1 West	Inside	7																		
		Outside																			
Carter Coal Co	No. 2 East & West	Inside	15															1		3	
		Outside	2																		
Carter Coal Co	Nora	Inside	39							1					2			25		19	
		Outside	4												3			1		2	
Carter Coal Co	Olga	Inside	30							6					4			40			
		Outside	12															3		5	
Carter Coal Co	Six	Inside	124															1		31	
		Outside	20																	9	
Central Pocahontas Coal Co	Nos. 1-2	Inside	14															4		10	
		Outside	8																		
Cirrus Coal & Coke Co	Nos. 1-2	Inside	16																		
		Outside	8																	7	
Colonial Pocahontas Coal Co., The	Colonial	Inside	14																		
		Outside	4																		
Columbus Pocahontas Coal Co	Columbus Poca	Inside	12																		
		Outside	3																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Algoma Coal & Coke Co	Ashland & Graeber	Inside			25													187			
		Outside			10														40		
		Coke Yard			19															20	247
Bell Coal & Mining Co., The	Vaughan	Inside																62			
		Outside																	8		70
Bottom Creek Coal & Coke Co	No. 1	Inside			57		1	31			8							130			
		Outside			11						3								45		175
Bottom Creek Coal & Coke Co	No. 2	Inside			14		10	17			12							81			
		Outside			11														16		97
Black Wolf Coal & Coke Co	Black Wolf	Inside																51			
		Outside																	16		67
Buchannon Coal Co	Buchannon	Inside						1										24			
		Outside																	1		25
Carter Coal Co	Caretta	Inside			33	6					6							194			
		Outside			3							15							30		224
Carter Coal Co	No. 1 West	Inside			3													10			
		Outside			2														2		12
Carter Coal Co	No. 2 East & West	Inside			15													34			
		Outside			1														3		37
Carter Coal Co	Nora	Inside			30			1										117			
		Outside			3														13		130
Carter Coal Co	Olga	Inside			25													105			
		Outside																	20		125
Carter Coal Co	Six	Inside			57						22							235			
		Outside																	29		264
Central Pocahontas Coal Co	Nos. 1-2	Inside			10													38			
		Outside																	8		46
Cirrus Coal & Coke	Nos. 1-2	Inside			33			17										66			
		Outside																	15		81
Colonial Pocahontas Coal Co., The	Colonial	Inside			2													16			
		Outside																	4		20
Columbus Pocahontas Coal Co	Columbus Poca	Inside																12			
		Outside																	3		15

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
Crozer Coal & Coke Co	Nos. 1-2	Inside	75	5													35	5			
		Outside	15																		
		Coke Yard																		18	
Cumberland Cannel Coal Co	Gem Poca	Inside	16															1			
		Outside	1																		
Davy Pocahontas Coal Co	Nos. 1-2	Inside	54										1					6			
		Outside	12																		
Dry Fork Colliery Co	Dry Fork	Inside	16															5		24	
		Outside	11																		
Elkhorn Coal & Coke Co	Elkhorn	Inside	60										2					5	1		
		Outside	21																	1	
		Coke Yard	1															4			
Empire Coal & Coke Co	Empire	Inside	25															5		13	
		Outside	33																		
		Coke Yard	1																		
Elk Ridge Coal & Coke Co	Elk Ridge	Inside	12												10					42	
		Outside	6																	2	
		Coke Yard																			
Eureka Coal & Coke Co	Eureka	Inside	35																	5	
		Outside	5																		
		Coke Yard	1																	1	
Excelsior Pocahontas Coal Co	Excelsior	Inside	21										1				2			4	
		Outside	14																		
Extra Pocahontas Coal Co	Extra Poca	Inside	6															2			
		Outside	2																		
Evans Coal Co	Evans	Inside	40																		
		Outside	3																		
Flanagan Coal Co	No. 1	Inside	5																		
		Outside	3																		
Flanagan Coal Co	No. 2	Inside	25															3		1	
		Outside	5																		
Flat Top Coal Mining Co	Thomas	Inside	14	8						4								5		9	
		Outside	6															1		1	
Fortune Hunter Coal Co	Fortune Hunter	Inside	6																	4	
		Outside	3																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Crozer Coal & Coke Co	Nos. 1-2	Inside			93			28			63					10		314			
		Outside			10						25								50		
		Coke Yard			22															40	404
Cumberland Cannel Coal Co	Gem Poca	Inside																17			
		Outside																	1		18
Davy Pocahontas Coal Co	Nos. 1-2	Inside			3	4												68			
		Outside																	12		80
Dry Fork Colliery Co	Dry Fork	Inside			16													61			
		Outside			3														14		75
Elkhorn Coal & Coke Co	Elkhorn	Inside			99	1		4			13							190			
		Outside			12						1								35		
		Coke Yard			10						1									16	241
Empire Coal & Coke Co	Empire	Inside			115	7	2	7	5									245			
		Outside			25														55		
		Coke Yard			23															24	327
Elk Ridge Coal & Coke Co	Elk Ridge	Inside			46													110			
		Outside			17														25		
		Coke Yard			16															16	151
Eureka Coal & Coke Co	Eureka	Inside			57			6										145			
		Outside			10														15		
		Coke Yard			19															21	181
Excelsior Pocahontas Coal Co	Excelsior	Inside			96													118			
		Outside			8														22		140
Extra Pocahontas Coal Co	Extra Poca	Inside			11			1										20			
		Outside																	2		22
Evans Coal Co	Evans	Inside																40			
		Outside																	3		43
Flanagan Coal Co	No. 1	Inside			7			3										20			
		Outside																	3		23
Flanagan Coal Co	No. 2	Inside			4	3	3											39			
		Outside			1														6		45
Flat Top Coal Mining Co	Thomas	Inside			17				3	2		2						65			
		Outside																	8		73
Fortune Hunter Coal Co	Fortune Hunter	Inside		11														21			
		Outside		1															4		25

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont																					
Gilliam Coal & Coke Co.	Gilliam	Inside	39															21			
		Outside	19																	1	
		Coke Yard	1																	3	
Greenbrier Coal & Coke Co.	Greenbrier	Inside	60															30			
		Outside	22															1		4	
Hemphill Colliery Co.	Hemphill	Inside	8																		
		Outside	1																		
Henrietta Pocahontas Coal Co.	Henrietta	Inside	20							5											
		Outside	4																		
Houston Coal & Coke Co.	Nos. 1-2	Inside	10															40		20	
		Outside	9																	2	
		Coke Yard																		1	
Houston Collieries Co.	Carswell	Inside	26							3								12	2	5	
		Outside	25										1				5			8	
Houston Collieries Co.	Hugar	Inside	33							2								2		58	
		Outside	27																	4	
		Coke Yard																		13	
Indian Ridge Coal & Coke Co.	Indian Ridge	Inside	25															24		25	
		Outside	5																		
J. B. B. Coal Co.	Nos. 1-2-3-4	Inside	335								7							4		28	
		Outside	26																	3	
John's Branch Coal Co.	No. 1	Inside	7																	5	
		Outside	6																		
Lake Superior Coal Co.	Lake Superior No. 1	Inside	60								2							8		12	
		Outside	20																	3	
Lake Superior Coal Co.	Lake Superior No. 2	Inside	15								2									10	
		Outside	5																	5	
Lathrop Coal Co.	Lathrop	Inside	58	1								1								17	
		Outside	16																	2	
Lone Jack Coal Mining Co.	Lone Jack	Inside	25																		
		Outside	3																		
Lynchburg Coal & Coke Co.	Lynchburg	Inside	65												18			6		17	
		Outside	4																		
		Coke Yard	3																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Gilliam Coal & Coke Co.	Gilliam	Inside			97													157			
		Outside			29														49		
		Coke Yard			24															28	234
Greenbrier Coal & Coke Co.	Greenbrier	Inside			9	5					4							108			
		Outside			13														40		148
Hemphill Colliery Co.	Hemphill	Inside		4														12			
		Outside																	1		13
Henrietta Pocahontas Coal Co.	Henrietta	Inside																25			
		Outside																	4		29
Houston Coal & Coke Co.	Nos. 1-2	Inside			65	20		50										205			
		Outside			19														30		
		Coke Yard			39															40	275
Houston Collieries Co.	Carswell	Inside						7	1		3	5					1	67			
		Outside			21														60		127
Houston Collieries Co.	Hugar	Inside	2		33	5					19							154			
		Outside			7														38		
		Coke Yard			12															25	217
Indian Ridge Coal & Coke Co.	Indian Ridge	Inside			35													109			
		Outside			10														15		124
J. B. B. Coal Co.	Nos. 1-2-3-4	Inside			55	8												437			
		Outside			6														35		472
John's Branch Coal Co.	No. 1	Inside			16													28			
		Outside																	6		34
Lake Superior Coal Co.	Lake Superior No. 1	Inside			17	15		5				2						121			
		Outside			2														25		146
Lake Superior Coal Co.	Lake Superior No. 2	Inside			15							15						57			
		Outside																	10		67
Lathrop Coal Co.	Lathrop	Inside			20			2										99			
		Outside			2														20		119
Lone Jack Coal Mining Co.	Lone Jack	Inside																25			
		Outside																	3		28
Lynchburg Coal & Coke Co.	Lynchburg	Inside			64			10										180			
		Outside			11														15		
		Coke Yard			22															25	220

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
Keystone Coal & Coke Co.	Keystone	Inside	25													1		12		93	
		Outside	16										2							1	
		Coke Yard																			
King Coal Co., The	King	Inside	14							7								9		91	
		Outside	42							3								2		11	
Kimball Pocahontas Coal Co.	Virginia	Inside	12	1																8	
		Outside	2																	2	
McDowell Coal & Coke Co.	McDowell	Inside	20															13		60	
		Outside	20																	10	
		Coke Yard																		4	
Mohawk Coal & Coke Co.	Mohawk	Inside	31															6		2	
		Outside	15																		
New Pocahontas Coal Co.	New Pocahontas	Inside	30																		
		Outside	35																		
New River & Poca. Cons. Coal Co.	Berwind No. 1	Inside	42										4					1		12	
		Outside	12																		
		Coke Yard	1																	18	
New River & Poca. Cons. Coal Co.	Berwind No. 2	Inside	14							6								29		29	
		Outside	1																		
New River & Poca. Cons. Coal Co.	Berwind No. 3	Inside	33															5		16	
		Outside	9																		
New River & Poca Cons. Coal Co.	Berwind No. 4	Inside	35							1								7		29	
		Outside	10																		
New River & Poca. Cons. Coal Co.	Berwind No. 5	Inside	40															16		46	
		Outside	8																		
New River & Poca. Cons. Coal Co.	Havaco	Inside	50		1					1	2		5					12		20	1
		Outside	14																	2	
Oregon Coal Co.	Nos. 2-3-4	Inside	42							2										5	
		Outside	15																	2	
Page Coal & Coke Co.	Nos 1-2-3	Inside	51										5		25			30		22	
		Outside	39												2					13	
		Coke Yard	1												18						
Panther Coal Co.	Panther	Inside	40															7			
		Outside	20															17			

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Keystone Coal & Coke Co.	Keystone	Inside			90	15	5	13		24								278			
		Outside			11														30		
		Coke Yard			8															8	316
King Coal Co., The	King	Inside			123	5					4					4		257			
		Outside			24														82		339
Kimball Pocahontas Coal Co.	Virginia	Inside			11													32			
		Outside			2														6		38
McDowell Coal & Coke Co.	McDowell	Inside		8	55	1					10							167			
		Outside			23			1			4								58		
		Coke Yard			20						1									25	250
Mohawk Coal & Coke Co.	Mohawk	Inside			28													67			
		Outside			3														18		85
New Pocahontas Coal Co.	New Pocahontas	Inside																30			
		Outside																	35		65
New River & Pocahontas Cons. Coal Co.	Berwind No. 1	Inside			32													92			
		Outside																	12		
		Coke Yard			27															46	150
New River & Pocahontas Cons. Coal Cs.	Berwind No. 2	Inside			10													88			
		Outside			10														11		99
New River & Pocahontas Cons. Coal Co.	Berwind No. 3	Inside					30											84			
		Outside																	9		93
New River & Pocahontas Cons. Coal Co.	Berwind No. 4	Inside					9											81			
		Outside																	10		91
New River & Pocahontas Cons. Coal Co.	Berwind No. 5	Inside			7													109			
		Outside																	8		117
New River & Pocahontas Cons. Coal Co.	Havaco	Inside			8	10		3	5		2							120			
		Outside																	16		136
Oregon Coal Co.	Nos. 2-3-4	Inside			25		2											76			
		Outside			4														21		97
Page Coal & Coke Co.	Nos. 1-2-3	Inside			50		4	46										233			
		Outside			29														83		
		Coke Yard			23															42	358
Panther Coal Co.	Panther	Inside			18													65			
		Outside																	37		102

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
Peerless Coal & Coke Co.	Peerless	Inside	21	16						2								7	3	18	
		Outside	12	1																	
Pocahontas Cons. Collieries Co., Inc.	Angle	Inside	27															29		108	
		Outside	10																		
		Coke Yard	5																	10	
Pocahontas Cons. Collieries Co., Inc.	Cherokee	Inside	52															52			
		Outside	10																		
Pocahontas Cons. Collieries Co., Inc.	Delta	Inside	27															55			
		Outside	8																		
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	Inside	58															59			
		Outside	6															7			
Pocahontas Cons. Collieries Co., Inc.	Norfolk	Inside	38															38			
		Outside	5																		5
Pocahontas Cons. Collieries Co., Inc.	Rolfe	Inside	64															65			
		Outside	7															6			
Pocahontas Cons. Collieries Co., Inc.	Shamokin	Inside	46															90			
		Outside	12																		
Pocahontas Cons. Collieries Co., Inc.	Poca. No. 6	Inside	63															63			
		Outside	14																	12	
Pocahontas Cons. Collieries Co., Inc.	Poca. No. 7	Inside	52															52			
		Outside	9																	8	
Pocahontas Cons. Collieries Co., Inc.	Poca. No. 8	Inside	40															41			
		Outside	5																	5	
Pocahontas Domestic Coal Co.	Scorpion	Inside	35																	28	
		Outside	5																		
Pocahontas Domestic Coal Co.	Slick Rock	Inside	30															5		5	
		Outside	9																		
Powhatan Coal & Coke Co.	Powhatan	Inside	45	10			4								30			45		15	
		Outside	32												5			2			
		Coke Yard	2																		
Premier Pocahontas Collieries Co.	Nos. 1-2-3-4	Inside	143							1								55		68	
		Outside	47										1					5		12	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Peerless Coal & Coke Co	Peerless	Inside			40	35		34										176			
		Outside			18														31		207
Pocahontas Cons. Collieries Co., Inc	Angle	Inside																164			
		Outside			10														20		
		Coke Yard			10															25	209
Pocahon as Cons. Collieries Co., Inc	Cherokee	Inside			52													156			
		Outside			10														20		176
Pocahontas Cons. Collieries Co., Inc	Delta	Inside						56				25						166			
		Outside			7														15		181
Pocahontas Cons. Collieries Co., Inc	Lick Branch	Inside			59													176			
		Outside			7														20		196
Pocahontas Cons. Collieries Co., Inc	Norfolk	Inside			33													114			
		Outside			5														15		129
Pocahon as Cons Collieries Co., Inc	Rolfe	Inside			64													193			
		Outside			7														20		213
Pocahontas Cons Collieries Co., Inc	Shamokin	Inside			45													181			
		Outside			13														25		206
Pocahontas Cons. Collieries Co., Inc	Poca. No. 6	Inside			62													188			
		Outside			14														40		228
Pocahontas Cons. Collieries Co. Inc	Poca. No. 7	Inside			52													156			
		Outside			8														25		181
Pocahontas Cons. Collieries Co. Inc	Poca. No. 8	Inside			40													121			
		Outside			5														15		136
Pocahontas Domestic Coal Co	Scorpion	Inside																63			
		Outside																	5		68
Pocahontas Domestic Coal Co	Slick Rock	Inside						5										45			
		Outside																	9		54
Powhatan Coal & Coke Co	Powhatan	Inside			33	6		15			15				4			222			
		Outside			9														48		
		Coke Yard			41															43	313
Premier Pocahontas Collieries Co	Nos 1-2-3-4	Inside			54												2	323			
		Outside			14														79		402

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
Pulaski Iron Co.	Nos. 1-2-3	Inside	62															43		4	
		Outside	17																	9	
		Coke Yard	1																	5	
Roanoke Coal & Coke Co.	Roanoke	Inside	26										1					22		8	
		Outside	12																	4	
Solvay Collieries Co.	Big Ssndy	Inside	61																		
		Outside	16																		
Solvay Collieries Co.	Mary Town	Inside	113															2		8	
		Outside	23																		
Shawnee Coal & Coke Co.	Shawnee	Inside	43							1			1					6		5	
		Outside	8																	1	
		Coke Yard											2							1	
Standard Pocahontas Coal Co.	Standard Poca.	Inside	7										3		2			9	1	15	
		Outside	17																2	4	
Superior Pocahontas Coal Co.	Blackstone	Inside	25							3					2			3		5	
		Outside	1																		
Superior Pocahontas Coal Co.	Cletus	Inside	56												14			3			
		Outside	5																		
Superior Pocahontas Coal Co.	Davy Crocket	Inside	40															5		12	
		Outside	3																		
Superior Pocahontas Coal Co.	Helena	Inside	65															8		10	
		Outside	7																		
Tidewater Coal & Coke Co.	Tidewater	Inside	30															10		30	
		Outside	36																		
Turkey Gap Coal & Coke Co.	Turkey Gap	Inside	2																		6
		Outside	9																		
United States Coal & Coke Co.	No. 2	Inside	5					1					2		5		1	19	3	8	
		Outside	5																	16	
United States Coal & Coke Co.	No. 3	Inside	16										3					18		5	
		Outside	38	2						2										15	
United States Coal & Coke Co.	No. 4	Inside	15											3			7	62	2		
		Outside	19																	2	
United States Coal & Coke Co.	No. 5	Inside	7											12				12		2	
		Outside	4																	6	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syirans	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
Pulaski Iron Co	Nos. 1-2-3	Inside			121		9				1							240			
		Outside			34														60		
		Coke Yard			6[illegible]															74	374
Roanoke Coal & Coke Co	Roanoke	Insidee			25						2							84			
		Outside			8														24		108
Solvay Collieries Co	Big Sandy	Inside			23													84			
		Outside			2														18		102
Solvay Collieries Co	Mary Town	Inside			32						2							157			
		Outside			2														30		187
Shawnee Coal & Coke Co	Shawnee	Inside			35	6	8				10							115			
		Outside			5		1												15		
		Coke Yard			17															20	150
Standard Pocahontas Coal Co	Standard Poca.	Inside			20	25		8			3							93			
		Outside																	23		116
Superior Pocahontas Coal Co	Blackstone	Inside			4			1										43			
		Outside			2														3		46
Superior Pocahontas Coal Co	Cletus	Inside			7													80			
		Outside																	5		85
Superior Pocahontas Coal Co	Davy Crocket	Inside			13													70			
		Outside			1														4		74
Superior Pocahontas Coal Co	Helena	Inside																83			
		Outside																	7		90
Tidewater Coal & Coke Co The	Tidewater	Inside			90			62										222			
		Outside			26														62		284
Turkey Gap Coal & Coke Co	Turkey Gap	Inside			11			69										88			
		Outside			12														21		109
U. S. Coal & Coke Co	No. 2	Inside	1		24	25		5		1	54							154			
		Outside			8						2								31		185
United States Coal & Coke Co	No. 3	Ihside			12	7		3			13							77			
		Outside			31							3							91		168
United States Coal & Coke Co	No. 4	Inside			18	8	5	16	1	3	1							141			
		Outside			3		4												28		169
United States Coal & Coke Co	No. 5	Inside			20	8	1	13			15							90			
		Outside			3		2												15		105

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
McDOWELL COUNTY—Cont.																					
United States Coal & Coke Co.	No. 6	Inside	4	1		1											12	82		7	
		Outside	10																2	8	
United States Coal & Coke Co.	No. 7	Inside	17	1														13		4	
		Outside	13																	15	
United States Coal & Coke Co.	No. 9	Inside	28										12		3			42		15	
		Outside	23										1		1			5		2	
United States Coal & Coke Co.	No. 10	Inside	22			2												45		9	
		Outside	9															1		8	
United States Coal & Coke Co.	No. 11	Inside	24	1														58		5	
		Outside	18															3		2	
Upland Coal & Coke Co.	Upland	Inside	15																	67	
		Outside	10																	4	
		Coke Yard	1																	10	
War Coal Co.	No. 1	Inside	5																	20	
		Outside	7																		
Welch Coal & Coke Co.	Welch	Inside	35																	5	
		Outside	10																		
West Virginia Pocahontas Coal Co.	Nos. 1-2	Inside	30												5					45	
		Outside	10																		
Yukon Pocahontas Coal Co.	No. 1	Inside	35															14		20	
		Outside	9																	2	
Zenith Coal & Coke Co.	Nos. 1-2	Inside	82															10		26	
		Outside	18																	14	
Totals			5,280	47	1	3	4	1		53	13	1	51	15	160	1	61	1,686	16	1,924	12
MERCER COUNTY																					
Algonquin Coal Co.	Algonquin	Inside	14																	4	6
		Outside	27																	2	
American Coal Co.	Crane Creek	Inside	63																	35	
		Outside	15																	14	
		Coke Yard	12																	5	
American Coal Co.	Piedmont	Inside	64																	23	
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
McDOWELL COUNTY—Cont.																					
United States Coal & Coke Co.	No. 6	Inside			42	21		6		32								208			
		Outside			15		2												37		245
United States Coal & Coke Co.	No. 7	Inside		12	25	39	11	52	1	4	11							190			
		Outside			11														39		229
United States Coal & Coke Co.	No 9	Inside			21	25	8	1			16							171			
		Outside			12	2													46		217
United States Coal & Coke Co.	No. 10	Inside			27	3	29	2			2							141			
		Outside			9		5												32		173
United States Coal & Coke Co.	No 11	Inside			7	3	35	3			4							140			
		Outside			7	1	5												36		176
Upland Coal & Coke Co.	Upland	Inside			72	15			10		11							190			
		Outside			11														25		
		Coke Yard			12															23	238
War Coal Co.	No. 1	Inside			9													34			
		Outside																	7		41
Welch Coal & Coke Co.	Welch	Inside	26															66			
		Outside	6																16		82
West Virginia Pocahontas Coal Co.	Nos. 1-2	Inside			20													100			
		Outside																	10		110
Yukon Pocahontas Coal Co.	No. 1	Inside			33													102			
		Outside			12														23		125
Zenith Coal & Coke Co.	Nos. 1-2	Inside			5													123			
		Outside			5														37		160
Totals			35	36	4,354	337	192	740	26	67	368	67		3	4	14	3	12,456	2,468	635	15,559
MERCER COUNTY																					
Algonquin Coal Co.	Algonquin	Inside			2	2												28			
		Outside			1														30		58
American Coal Co.	Crane Creek	Inside			44		40				5							192			
		Outside			11														40		
		Coke Yard			26															43	275
American Coal Co.	Piedmont	Inside			43													130			
		Outside			8														12		142

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MERCER COUNTY—Cont.																					
American Coal Co.	Pinnacle	Inside	62																	21	4
		Outside	22																	23	
Booth-Bowen Coal & Coke Co.	Booth-Bowen	Inside	60										20					6			
		Outside	15																	1	
		Coke Yard																		4	
Buckeye Coal & Coke Co.	Buckeye	Inside	65	8									16					7			
		Outside	8																		
		Coke Yard	2																	4	
Crystal Coal & Coke Co.	Crystal	Inside	73	9									1					23		12	
		Outside	18																		
		Coke Yard	1																		
Ennis Coal Co.	Hiawatha	Inside	64															9		20	
		Outside	24																	2	
Godfrey Coal Co.	Godfrey	Inside	15																	3	
		Outside	4																		
Louisville Coal & Coke Co.	Louisville 1-2, Klondike No. 3 & Goodwill	Inside	75																		
		Outside	18																		
		Coke Yard																			
Mill Creek Coal & Coke Co	Coaldale & Mill Creek	Inside	114		12													6		6	
		Outside	22																		
		Coke Yard	5																	4	
Modoc Coal Mining Co.	Modoc	Inside	5	1														1		1	
		Outside	7																		
Patterson Pocahontas Co., S. J.	Arista Nos. 1-2	Inside	14															7			
		Outside	8																		
Pocahontas Cons. Collieries Co., Inc.	Caswell Creek, Hemlock & Elkhorn	Inside	46															46		46	
		Outside	13																		
Pocahontas Cons. Collieries Co., Inc.	Sagamore Nos. 1-2	Inside	62															62			
		Outside	15																		
Pocahontas Cons. Collieries Co., Inc.	West	Inside	6															9			
Pawama Coal & Coke Co.	Pawama	Inside	31															2		5	
		Outside	11																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MERCER COUNTY—Cont.																					
American Coal Co.	Pinnacle	Inside			61			31			7							136			
		Outside			21														66		252
Booth-Bowen Coal & Coke Co.	Booth-Bowen	Inside			31						10							127			
		Outside			14														30		
		Coke Yard			6															10	167
Buckeye Coal & Coke Co.	Buckeye	Inside			55						4							155			
		Outside			6														14		
		Coke Yard		6																12	181
Crystal Coal & Coke Co.	Crystal	Inside			58						4		1					181			
		Outside			19														37		
		Coke Yard			37															38	256
Ennis Coal Co.	Hiawatha	Inside			14	9					4							120			
		Outside			2														28		148
Godfrey Coal Co.	Godfrey	Inside			2													20			
		Outside																	4		24
Louisville Coal & Coke Co.	Louisville 1-2, Klondike No. 3 & Goodwill	Inside			59						5							139			
		Outside			15														33		
		Coke Yard			16															16	188
Mill Creek Coal & Coke Co.	Coaldale & Mill Creek	Inside			69	2												209			
		Outside			8														30		
		Coke Yard			24															33	272
Modoc Coal Mining Co.	Modoc	Inside			16	3		12										39			
		Outside																	7		46
Patterson Pocahontas Co., S. J.	Arista Nos. 1-2	Inside			7	6		8										42			
		Outside	1																9		51
Pocahontas Cons. Collieries Co., Inc.	Carswell Creek, Hemlock & Elkhorn	Inside			46													184			
		Outside			12														25		209
Pocahontas Cons. Collieries Co., Inc.	Sagamore Nos. 1-2	Inside			63													187			
		Outside			15														30		217
Pocahontas Cons. Collieries Co., Inc.	West	Inside			5													20			20
Pawama Coal & Coke Co.	Pawama	Inside			25	1												64			
		Outside																	11		75

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MERCER COUNTY—Cont.																					
Smokeless Coal & Coke Co.	Smokeless	Inside	32																	1	
		Outside	5																		
Solvay Collieries Co.	Spring	Inside	31	10											4			10		18	
		Outside	13																	2	
Thomas Coal Co., The	No. 1	Inside	16															5		33	
		Outside	10																		
		Coke Yard	2																	2	
Thomas Coal Co., The	No. 2	Inside	15																	1	
		Outside	11																	1	
Turkey Gap Coal & Coke Co.	Wenonah	Inside	71															21			
		Outside	20																		
Weyanoke Coal & Coke Co., The	Weyanoke & Elihue	Inside	65																	43	1
		Outside	17																	1	
Totals			1,397	28	12								37		4			214		337	11
MINERAL COUNTY																					
Abram's Creek Coal & Coke Co.	Oakmont No. 1	Inside	40																	21	50
		Outside	10																		
Big Vein Coal Co. of W. Virginia, The	Bakerstown	Inside	36																		
		Outside	5																		
Carroll Cross Coal Co.	Cross & Imperial	Inside	48																		
		Outside	4																		
Davis Coal & Coke Co., The	No. 6	Inside	41																		
		Outside	5																		
Davis Coal & CJe Co., The	No. 14	Inside	47																	20	25
		Outside	8																	1	
Davis Coal & Coke Co., The	No. 19	Inside	39																	17	16
		Outside	28																	1	
Davis Coal & Coke Co., The	No. 20	Inside	71																		
		Outside	8																		
Davis Coal & Coke Co., The	No. 50	Inside	45							5											
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MERCER COUNTY—Cont.																					
Smokeless Coal & Coke Co.	Smokeless	Inside			9													42			
		Outside																	5		47
Solvay Collieries Co	Spring	Inside			49			3										125			
		Outside			1														16		141
Thomas Coal Co., The	No. 1	Inside			100			4										158			
		Outside			20														30		
		Coke Yard			31															35	223
Thomas Coal Co., The	No. 2	Inside			56	6												78			
		Outside			2														14		92
Turkey Gap Coal & Coke Co.	Wenonah	Inside			20													112			
		Outside			5														25		137
Weyanoke Coal & Coke Co., The	Weyanoke & Elihue	Inside			32	1		5										147			
		Outside			10														28		175
Totals			1	6	1,176	30	40	63			39		1					2,685	524	187	3,396
MINERAL COUNTY																					
Abram's Creek Coal & Coke Co	Oakmont No. 1	Inside																111			
		Outside																	10		121
Big Vein Coal Co. of W. Virginia, The	Bakerstown	Inside						1										37			
		Outside																	5		42
Carroll Cross Coal Co	Cross & Imperial	Inside																48			
		Outside																	4		52
Davis Coal & Coke Co., The	No. 6	Inside																41			
		Outside																	5		46
Davis Coal & Coke Co., The	No. 14	Inside																92			
		Outside																	9		101
Davis Coal & Coke Co., The	No. 19	Inside			1	2				1	1						1	78			
		Outside			1														30		108
Davis Coal & Coke Co., The	No. 20	Inside																71			
		Outside																	8		79
Davis Coal & Coke Co., The	No. 50	Inside			4	1												55			
		Outside																	4		59

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MINERAL COUNTY—Cont.																					
Davis Coal & Coke Co., The	No. 51	Inside	74							[illegible]									1		
		Outside	6															1			
Glade Run Coal & Coke Co	Florence	Inside	23																		
		Outside	2																		
Gleason Coal & Coke Co	Gleason	Inside	75	6						1			1					2		2	
		Outside	12																		
Grafton Mining Co	Blaine	Inside	24																		
		Outside	4																		
Harris & Sons, O. D	No. 2	Inside	8																		
		Outside	1																		
Masteller Coal Co., The	Hampshire Nos. 1-2-3	Inside	64																		
		Outside	8																	3	
Masteller Coal Co., The	New Creek	Inside	18										1		2					24	
		Outside	4																	1	
Totals			762	6						9			2		2			3	1	90	91
MINGO COUNTY																					
Buffalo Collieries Co	Buffalo	Inside	109																		
		Outside	33																		
Crystal Block Coal & Coke Co	Winifrede & Coalburg	Inside	10	10									2					10		12	
		Outside	5															5			
Glen Alum Coal Co	Nos. 1-2-3	Inside	100															25		49	
		Outside	19															7		25	
Glen Alum Coal Co	No. 4	Inside	38															25		54	
		Outside	8																		
Gray Eagle Coal Co	Gray Eagle	Inside	36																	3	
		Outside	8																		
Howard Junior Coal Co	Howard Junior	Inside	87																	4	
		Outside	31										1							13	
Howard Colliery Co	Frederick	Inside	62																		
		Outside	29																	8	
Howard Colliery Co	Howard	Inside	69																	7	
		Outside	31										1							8	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MINERAL COUNTY—Cont.																					
Davis Coal & Coke Co., The	No. 51	Inside			7													85			
		Outside																	7		92
Glade Run Coal & Coke Co	Florence	Inside																23			
		Outside																	2		25
Gleason Coal & Coke Co	Gleason	Inside				2		1		4								94			
		Outside																	12		106
Grafton Mining Co	Blaine	Inside																24			
		Outside																	4		28
Harris & Sons, O. D.	No. 2	Inside																8			
		Outside																	1		9
Masteller Coal Co., The	Hampshire Nos. 1-2-3	Inside			9													73			
		Outside												1					12		85
Masteller Coal Co., The	New Creek	Inside	4					6										55			
		Outside																	5		60
Totals			4		22	5		8		5	1			1			1	895	118		1,013
MINGO COUNTY																					
Buffalo Collieries Co	Buffalo	Inside																109			
		Outside																	33		142
Crystal Block Coal & Coke Co	Winifrede & Coalburg	Inside			10	14		3										71			
		Outside			5	3		2											20		91
Gen Alum Coal Co	Nos. 1-2-3	Inside			20	2		6			1							203			
		Outside			15			6											72		275
Glen Alum Coa Co	No 4	Inside						2			2							121			
		Outside			3			1											12		133
Gray Eagle Coal Co	Gray Eagle	Inside																39			
		Outside			1														9		48
Howard Junior Coal Co	Howard Junior	Inside			4													95			
		Outside			3														48		143
Howard Colliery Co	Frederick	Inside							2									64			
		Outside																	37		101
Howard Colliery Co	Howard	Inside																76			
		Outside			1														41		117

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
MINGO COUNTY—Cont.																					
Magnolia Coal & Coke Co	Magnolia	Inside	38																		
		Outside	12																		
Margaret Mining Co	Margaret	Inside	25																	3	
		Outside	5																		
Mary Helen Coal Co	Mary Helen	Inside	100																		
		Outside	38																		
Naugatuck Coal Co., The	Naugatuck	Inside	62																		
		Outside	19																		
Red Jacket, Jr. Coal Co	Red Jacket, Jr.	Inside	71															36		32	
		Outside	19															3		1	
Red Jacket Cons. Coal & Coke Co	Grapevine	Inside	44															13		32	
		Outside	18																	2	
Red Jacket Cons. Coal & Coke Co	Mitchell's Branch and Rutherford	Inside	89															102		28	
		Outside	23										1					5		70	
Red Jacket Cons. Coal & Coke Co	Red Jacket	Inside	22																	2	
		Outside	4																		
Sternberger Coal Co., E. L	Sternberger	Inside	58																		
		Outside	26																		
Stone Mountain Coal Corporation	Marvin	Inside	56															2		4	
		Outside	9																		
Superior Thacker Coal & Coke Co	No. 1	Inside	16																		
		Outside																			
Sycamore Coal Co	Cinderella	Inside	55										11		2			4		2	
		Outside	30																	14	
Thacker Coal & Coke Co	Nos. 3-8-9	Inside	14										3					26		18	
		Outside	18															4		1	
Thacker Coal & Coke Co	No. 10	Insid	4																		
		Outside	1																		
Thacker Coal & Coke Co	Nos. 11-12-13-14	Inside	36															11		22	
		Outside	27																		
War Eagle Coal Co	Mephisto	Inside	27																	1	
		Outside	3																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MINGO COUNTY—Cont.																					
Magnolia Coal & Coke Co.	Magnolia	Inside																38			
		Outside																	12		50
Margaret Mining Co.	Margaret	Inside			7													35			
		Outside																	5		40
Mary Helen Coal Co.	Mary Helen	Inside																100			
		Outside																	38		138
Naugatuck Coal Co., The	Naugatuck	Inside			1	1												64			
		Outside																	19		83
Red Jacket, Jr., Coal Co.	Red Jacket, Jr.	Inside			10						[illegible]							158			
		Outside																	23		181
Red Jacket Cons. Coal & Coke Co.	Grapevine	Inside																89			
		Outside																	20		109
Red Jacket Cons. Coal & Coke Co.	Mitchell s Branch and Rutherford	Inside			33							11						263			
		Outside			2														101		364
Red Jacket Cons. Coal & Coke Co.	Red Jacket	Inside			10													40			
		Outside																	4		44
Sternberger Coal Co., E. L.	Sternberger	Inside																58			
		Outside																	26		84
Stone Mountain Coal Corporation	Marvin	Inside			5		1											68			
		Outside																	9		77
Superior Thacker Coal & Coke Co.	No. 1	Inside			4													20			
		Outside			2														2		22
Sycamore Coal Co	Cinderella	Inside			50			11	7		12							152			
		Outside			1						1			1					47		199
Thacker Coal & Coke Co	Nos. 3-8-9	Inside			20													87			
		Outside			7														30		117
Thacker Coal & Coke Co	No. 10	Inside																4			
		Outside																	1		5
Thacker Coal & Coke Co	Nos. 11-12-1-14	Inside			26													95			
		Outside			4														31		126
War Eagle Coal Co	Mephisto	Inside																28			
		Outside																	3		31

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt.	Hungarians	Irish	Italians	Lithuanians
MINGO COUNTY—Cont.																					
War Eagle Coal Co.	Pappoose	Inside	20																5	2	
		Outside	7																		
White Star Mining Co., The	Alma & White Star	Inside	99																		
		Outside	16																		
Williamson Coal & Coke Co	Winifrede Nos. 5-6-7	Inside	50										1					5		4	
		Outside	20																		
Totals			1,856	10									20		2			283	5	421	
MONONGALIA COUNTY																					
Antler Coal Co	Grant	Inside	11														2	2			3
		Outside	5																		
Consolidation Coal Co., The	No. 3	Inside	12																	38	
		Ontside	8																	2	
Elkins Coal & Coke Co	No. 1	Inside	45					7												45	
		Outside	10																	4	
		Coke Yard	15	5				3										2			
Elkins Coal & Coke Co	No. 5	Inside	11															53		42	
		Outside	10																	8	
Great Scott Coal & Coke Co., The	Great Scott	Inside	5																	3	
		Outside	1																		
Lehigh Coal Co., The	No. 1	Inside	16																	4	
		Outside	16																	4	
North American Coal Co	No. 1	Inside	4	1																4	
		Outside	2																	3	
Southern Connellsville Coke Co.	Marion	Inside	8															14			
		Outside	4																		
		Coke Yard	10														4	8			
Totals			193	6				10									6	79		157	3

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
MINGO COUNTY—Cont.																					
War Eagle Coal Co.	Pappoose	Inside			3													30			
		Outside																	7		37
White Star Mining Co., The	Alma & White Star	Inside			1													100			
		Outside			1														17		117
Williamson Coal & Coke Co	Winifrede Nos. 5-6-7	Inside			20	2		5			15					4		106			
		Outside																	20		126
Totals					281	22	1	36	7		40	11		1		4		2,313	687		3,000
MONONGALIA COUNTY																					
Antler Coal Co.	Grant	Inside				2					3					2		25			
		Outside																	5		30
Consolidation Coal Co., The	No. 3	Inside									8							58			
		Outside																	10		68
Elkins Coal & Coke Co	No. 1	Inside																97			
		Outside																	14		
		Coke Yard									10									35	146
Elkins Coal & Coke Co	No. 5	Inside									13							119			
		Outside																	18		137
Great Scott Coal &Coke Co The.	Great Scott	Inside																8			
		Outside																	1		9
Lehigh Coa Co., The	No. 1	Inside									8							28			
		Outside																	20		48
North American Coal Co.	No. 1	Inside																9			
		Outside																	5		14
Southern Connellsville Coke Co.	Marion	Inside				2												24			
		Outside																	4		
		Coke Yard																		22	50
Totals						4					42					2		368	77	57	502

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
NICHOLAS COUNTY																					
Coal Bell Coal Co.	Coal Bell	Inside	36																	4	
		Outside	7																		
Pardee & Curtin Lumber Co.	Panther Crk. & No. 21.	Inside	8																		
		Outside	1																		
Saxman Coal & Coke Co., The	Nos. 1-2-3	Inside	24															9		11	
		Outside	4															1		1	
		Coke Yard	3																		
Totals			83															10		16	
OHIO COUNTY																					
Creigton, W. F.	Creighton	Inside	5																		
		Outside	1																		
Elm Grove Coal Co., The	Elm Grove	Inside	17										1		5			10		2	
		Outside	4																		
Richland Coal Co.	Richland	Inside	45	52				23		4	2		4	5	79		13	2		37	6
		Outside	19	5	2								1							1	1
Storch, Peter & Sons	Storch	Inside	7																		
		Outside	3																		
Whitaker-Glessner Co.	Carter	Inside	55																		
		Outside	5																		
Totals			161	57	2			23		4	2		6	5	84		13	12		40	7
PRESTON COUNTY																					
Austen Coal & Coke Co.	No. 1	Inside	55																3	26	
		Outside	8																		
		Coke Yard	6																	8	
Austen Coal & Coke Co.	No. 2	Inside	17	3																2	
		Outside	1																		
Borgman Coal Co.	No. 1	Inside	54																		
		Outside	10																		
Elkins Coal & Coke Co.	No. 2	Inside	37	5										2						81	
		Outside	34																	20	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
NICHOLAS COUNTY																					
Coal Bell Coal Co.	Coal Bell	Inside						4										44			51
		Outside																	7		
Pardee & Curtin Lumber Co.	Panther Crk. & No. 21	Inside																8			9
		Outside																	1		
Saxman Coal & Coke Co., The	Nos. 1-2-3	Inside				14					11							69			81
		Outside				3													9		
		Coke Yard																		3	
Totals						17		4			11							121	17	3	141
OHIO COUNTY																					
Creighton, W. F.	Creighton	Inside			1													6			7
		Outside																	1		
Elm Grove Coal Co., The	Elm Grove	Inside			4	9					3							51			55
		Outside																	4		
Richland Coal Co.	Richland	Inside			15	65		6	1	15	24							398			439
		Outside			6	4		2											41		
Storch, Peter & Sons	Storch	Inside																7			10
		Outside																	3		
Whitaker-Glessner Co.	Carter	Inside																55			60
		Outside																	5		
Totals					26	78		8	1	15	27							517	54		571
PRESTON COUNTY																					
Austen Coal & Coke Co.	No. 1	Inside				16		13										113			135
		Outside																	8		
		Coke Yard																		14	
Austen Coal & Coke Co.	No. 2	Inside																22			23
		Outside																	1		
Borgman Coal Co.	No. 1	Inside																54			64
		Outside																	10		
Elkins Coal & Coke Co.	No. 2	Inside				50					7							182			236
		Outside																	54		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
PRESTON COUNTY—Cont.																					
Elkins Coal & Coke Co.	No. 4	Inside	40																	15	
		Outside	9																		
Elkins Coal & Coke Co.	No. 6	Inside	50																	107	
		Outside	24																	3	
Gorman Coal & Coke Co.	Nos. 2-3	Inside	9																	8	
		Outside	7																		
Hiorra Coke Co.	Vulcan No. 1	Inside	46																	3	
		Outside	5																		
Irona Coal Co.	Nos. 1-2	Inside	25																	8	
		Outside	7																		
Kendall Lumber Co.	Arnold Run. No 1	Inside	9																		
		Outside																			
Late, Gordon B.	No. 1	Inside	30																		
		Outside	5																		
Preston Coal Co.	No. 1	Inside	163							9			2						8	36	
		Outside	30																	2	
Preston County Coke Co.	Cascade Nos. 1-2-3-4-5	Inside	26														4			15	
		Outside	13														3	1		2	
		Coke Yard															11	9			
Somerset Smokeless Coal Co.	Tunnelton	Inside	162																		
		Outside	35																		
Virginia-Maryland Coal Corporation	Scotch Hill	Inside	53																	5	
		Outside	10																		
Wills, John	No. 4	Inside	13	2									3							1	
		Outside	1																		
Totals			994	10						9			5	2			18	10	11	342	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
PRESTON COUNTY—Cont.																					
Elkins Coal & Coke Co.	No. 4	Inside	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	58		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	....	68
Elkins Coal & Coke Co.	No. 6	Inside	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	157		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	27	....	184
Gorman Coal & Coke Co.	Nos. 2-3	Inside	....	....	....	6	....	....	....	....	....	....	....	....	....	....	....	23		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	....	30
Hiorra Coke Co.	Vulcan No. 1	Inside	....	....	....	....	....	7	....	....	....	....	....	....	....	....	....	56		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	61
Irona Coal Co.	Nos. 1-2	Inside	....	....	5	6	....	2	....	....	....	....	....	....	....	....	....	46		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	....	53
Kendall Lumber Co.	Arnold Run No. 1	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
Late, Gordon B.	No. 1	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	35
Preston Coal Co.	No. 1	Inside	....	....	....	8	....	....	....	....	5	....	....	....	....	4	1	236		....	
		Outside	....	....	5	....	....	....	....	....	....	....	....	....	....	....	....	....	37	....	273
Preston County Coke Co.	Cascade Nos. 1-2-3-4-5	Inside	....	....	2	9	....	....	....	....	....	....	....	....	....	....	1	57		....	
		Outside	....	....	4	....	....	....	....	....	2	....	....	....	....	....	....	....	25	....	
		Coke Yard	....	....	13	....	....	....	....	....	3	....	....	....	....	....	....	....	....	36	118
Somerset Smokeless Coal Co.	Tunnelton	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	162		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	35	....	197
Virginia Maryland Coal Corporation	Scotch Hill	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	58		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	....	68
Wills, John	No. 4	Inside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	19		....	
		Outside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	20
Totals			....	....	33	95	....	22	....	....	17	....	....	....	....	4	2	1,282	242	50	1,574

NATIONALITIES OF PERSONS EMPLOYED AT THE MI NES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
PUTNAM COUNTY																					
Black Betsey Coal & Mining Co.	Black Betsey	Inside	215																		
		Outside	40																		
Otto Marmet Coal & Mining Co., The	Nos. 1-2-3	Inside	236																		
		Outside	86																		
Plymouth Coal & Mining Co.	Plymouth	Inside	252															3			
		Outside	25																		
Totals			854															3			
RALEIGH COUNTY																					
Bailey-Wood Coal Co.	Bailey-Wood	Inside	46															10		6	
		Outside	6																	4	
Beckley Coal & Coke Co.	Beckley	Inside	64																	20	
		Outside	16																		
Blue Jay Lumber Co.	Blue Jay	Inside	5																		
		Outside	2																		
Clear Fork Coal Co.	Leevale	Inside	47												3			6			
		Outside	13																		
Cranberry Fuel Company	Cranberry	Inside	40							9			22					26			4
		Outside	10							1			2								
Cranberry Fuel Company	Sprague	Inside	51	2																6	
		Outside	12																	1	
Four States Coal & Coke Co.	Dorothy	Inside	90												50			15		10	
		Outside	25																	19	
Four States Coal & Coke Co.	Sarita	Inside	80												60			5			
		Outside	25																	18	
Gulf Coal Co.	Nos. 1-2-3	Inside	18		2													19			
		Outside	8															1			
Gulf Smokeless Coal Co.	Tams Nos. 1-2-3	Inside	50	30														17			
		Outside	20																		
Lanark Coal Co.	No. 4	Inside	9																		
		Outside	8	1																	
Lilly Mining Co.	Whorley Nos. 1-2	Inside	22																		
		Outside	4																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
PUTNAM COUNTY																					
Black Betsey Coal & Mining Co	Black Betsey	Inside			10													225			
		Outside																	40		265
Otto Marmet Coal & Mining Co., The	Nos. 1-2-3	Inside			85													321			
		Outside																	86		407
Plymouth Coal & Mining Co	Plymouth	Inside			50													305			
		Outside																	25		330
Totals					145													851	151		1,002
RALEIGH COUNTY																					
Bailey-Wood Coal Co	Bailey-Wood	Inside			10			15			10					3		100			
		Outside																	10		110
Beckley Coal & Coke Co	Beckley	Inside			35	6												125			
		Outside			1														17		142
Blue Jay Lumber Co	Blue Jay	Inside																5			
		Outside																	2		7
Clear Fork Coal Co	Leevale	Inside			12			6										74			
		Outside																	13		87
Cranberry Fuel Co	Cranberry	Inside			20	20		5			20			2				168			
		Outside			4														17		185
Cranberry Fuel Co	Sprague	Inside			28	4						10						101			
		Outside																	13		114
Four States Coal & Coke Co	Dorothy	Inside			40	35												240			
		Outside			1														45		285
Four States Coal & Coke Co	Sarita	Inside			35	32												212			
		Outside																	43		255
Gulf Coal Company	Nos. 1-2-3	Inside			32		6				3							80			
		Outside			3														12		92
Gulf Smokeless Coal Co	Tams Nos. 1-2-3	Inside			96	40		10			25							268			
		Outside			5														25		293
Lanark Coal Co	No. 4	Inside			6							29						44			
		Outside																	9		53
Lilly Mining Co	Whorley Nos. 1-2	Inside			2													24			
		Outside																	4		28

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30. 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
RALEIGH COUNTY—Cont.																					
Lynwin Coal Co.	Lynwin	Inside	18							1			3						5		5
		Outside	7																2	4	
MacAlpin Coal Co.	MacAlpin	Inside	51	2						4							15		2	3	
		Outside	4	2																2	
Mabscott Coal & Coke Co.	Mabscott	Inside	41																	10	
		Outside	8																		
Marsh Fork Coal Co.	Marsh Fork	Inside	100												8					3	
		Outside	11																		
McKell Coal & Coke Co.	Graham Nos 1-2	Inside	28	2																	
		Outside	5																		
McKell Coal & Coke Co.	Oswald Nos. 1-2-3-4	Inside	45				1						1					6		1	
		Outside	9				1			1			1								
McKell Coal & Coke Co.	Tamroy	Inside	13	4			2											2	1	22	
		Outside	9																	2	
New River Collieries Co.	Eccles No. 3	Inside	54	20						15		1	1							6	8
		Outside	10																	6	
New River Collieries Co.	No. 5	Inside	54	16						11		3	4		7			5		3	5
		Outside	10																	5	
New River Collieries Co.	No. 6	Inside	22	7						2		2	3					2		4	3
		Outside																		5	
Pemberton Coal & Coke Co.	Affinity	Inside	28												3			4		16	
		Outside	16																		
Pemberton Coal & Coke Co.	Big Stick	Inside	18																	12	
		Outside	7																	1	
Pemberton Fuel Co.	Pemberton	Inside	47															4			
		Outside	11																		
Piney Mining Co.	Nos. 1-2	Inside	58	26					2	6										18	
		Outside	10																		
Piney Mining Co.	No. 3	Inside	28							2										9	
		Outside	9																		
Piney Mining Co.	No. 4	Inside	20																	36	
		Outside	12																		
Raleigh Coal & Coke Co.	Nos. 1-2-4	Inside	34															6		4	
		Outside	3															3			

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
RALEIGH COUNTY—Cont.																					
Lynwin Coal Co.	Lynwin	Inside			38			11										81			
		Outside			2														15		96
MacAlpin Coal Co.	MacAlpin	Inside			80	6	4		5		6	5						183			
		Outside			10														18		201
Mabscott Coal & Coke Co.	Mabscott	Inside			39	1		1				13						105			
		Outside			1														9		114
Marsh Fork Coal Co.	Marsh Fork	Inside			4					3						2		120			
		Outside			1														12		132
McKell Coal & Coke Co.	Graham Nos. 1-2	Inside			6	2		1			2							41			
		Outside																	5		46
McKell Coal & Coke Co.	Oswald Nos. 1-2-3-4	Inside			17	19					36			1				127			
		Outside			1	1					1								15		142
McKell Coal & Coke Co.	Tamroy	Inside			14			1			2	24						85			
		Outside			1														12		97
New River Collieries Co.	Eccles No. 3	Inside		5	31	9		9	6		1	1						167			
		Outside																	16		183
New River Collieries Co.	No. 5	Inside		1	35	12		25	2		2	4						189			
		Outside																	15		204
New River Collieries Co.	No. 6	Inside			13	4		5	1									68			
		Outside																	5		73
Pemberton Coal & Coke Co.	Affinity	Inside			18						1							70			
		Outside			2						1								19		89
Pemberton Coal & Coke Co.	Big Stick	Inside			44													74			
		Outside			3														11		85
Pemberton Fuel Co.	Pemberton	Inside			7													58			
		Outside			1														12		70
Piney Mining Co.	Nos. 1-2	Inside			50			1	7			10						178			
		Outside			5														15		193
Piney Mining Co.	No. 3	Inside	9		2							10						60			
		Outside	1																10		70
Piney Mining Co.	No. 4	Inside			20							20						96			
		Outside																	12		108
Raleigh Coal & Coke Co.	Nos. 1-2-4	Inside			23	11					9							87			
		Outside																	6		93

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
RALEIGH COUNTY—Cont.																					
Raleigh Coal & Coke Co	No. 3	Inside	43	3									5		2			6		16	
		Outside	2										1							3	
Raleigh Coal & Coke Co	No. 5	Inside	18															2		1	
		Outside	2																		
Raleigh Coal & Coke Co	No. 6	Inside	62							4			8					19		18	
		Outside	4															3			
Royal Coal Co	Royal	Inside	45																		
		Outside	2																		
Slab Fork Coal Co	Slab Fork Nos. 2-3-5-6-7	Inside	67															13		14	
		Outside	34																	2	
Stonewall Coal & Coke Co	No. 3	Inside	5																		
		Outside	1																		
Stonewall Coal & Coke Co	Terry Nos. 2-3-4	Inside	58																	3	
		Outside	4																		
Sullivan Coal & Coke Co	Sullivan	Inside	47	37																4	
		Outside	12																	3	
West Virginia Coal Mining Co., The	Ragland	Inside	15	2									1					3			
		Outside	2																		
White Coal Co., E. E	Nos. 1-2	Inside	39	2				1		10			2					11		31	3
		Outside	30																	2	
White Coal Co., E. E	Stotesbury	Inside	59										2					27		14	
		Outside	40																	17	
Winding Gulf Colliery Co	Nos. 1-3	Inside	91															30		28	
		Outside	39																	5	
Winding Gulf Colliery Co	No. 2	Inside	72															23		18	
		Outside	21																	4	
Wood Peck Coal Co	Wood Peck	Inside	15																	4	
		Outside	3																		
Wright Coal & Coke Co	Wright No. 1	Inside	56																		
		Outside	3																		
Wright Coal & Coke Co	Wright No. 2	Inside	56																		
		Outside	3																		
Totals			2,424	156	2	....	4	3	....	66	6	....	56	....	133	....	....	283	10	413	28

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Total
RALEIGH COUNTY—Cont.																					
Raleigh Coal & Coke Co	No. 3	Inside	5		12	29		2			9						1	133			
		Outside			1														7		140
Raleigh Coal & Coke Co	No. 5	Inside																21			
		Outside																	2		23
Raleigh Coal & Coke Co	Nc. 6	Inside	3		26	12					16							168			
		Outside			1														8		176
Royal Coal Co	Royal	Inside																45			
		Outside																	2		47
Slab Fork Coal Co	Slab Fork Ncs. 2-3-5-6-7	Inside			195	1							1	1				292			
		Outside			8														44		336
Stonewall Coal & Coke Co	No.3	Inside																5			
		Outside																	1		6
Stonewal! Coal & Coke Co	Terry Nos. 2-3-4	Inside			6													67			
		Outside			1														5		72
Sullivan Coal & Coke Co	Sullivan	Inside			41													129			
		Outside			5														20		149
West Virginia Coal Mining Co., The	Ragland	Inside			9	1												31			
		Outside																	2		33
White Coal Co., E. E	Nos. 1-2...z	Inside			27	31		1			1					13		172			
		Outside			5	2										1			40		212
White Coal Co., E. E	Stotesbury	Inside			35	11						5						153			
		Outside			4							1							62		215
Winding Gulf Colliery Co	Nos. 1-3	Inside		3	45	6		5			6							217			
		Outside			9														53		270
Winding G .Colliery Co	No. 2	Inside		2	7	7		5			2							136			
		Outside			1														26		162
Wood Peck Coal Co	Wood Peck	Inside			10	2												31			
		Outside			1														4		35
Wright Coal & Coke Co	Wright No. 1	Inside			4													60			
		Outside			2														5		65
Wright Coal & Coke Co	Wright No. 2	Inside			2													58			
		Outside																	3		61
Totals			18	11	1,255	304	10	103	21	3	153	132	1	4		19	1	4,959	703		5,662

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
RANDOLPH COUNTY																					
Brady Coal Co.	Klondyke	Inside	12																2	2	
		Outside	2																		
Davis Coal & Coke Co., The	No. 1	Inside	20																	15	
		Outside	3																		
Davis Coal & Coke Co., The	No. 2	Inside	77	8									1							15	
		Outside	13																		
Davis Colliery Co.	Coalton	Inside	64	7															1	26	2
		Outside	8	3																4	1
		Coke Yard																		24	
Davis Colliery Co.	No. 5	Inside	9																		
		Outside																		1	
Davis Colliery Co.	Harding	Inside	15	6		5								14						28	12
		Outside	12																	5	
		Coke Yard	1																	16	
Davis Colliery Co.	Sivad No. 2	Inside	8	3										2						18	
		Outside	5																		
Green, W. H.	Williette	Inside	12																	11	
		Outside	2																		
Jenkins, J. B. Coal & Coke Co., The	Ariana	Inside	15	10						1				6						13	
		Outside	6																	1	
West Virginia Pulp & Paper Co.	Hopkins	Inside	15																		
		Outside	5																		
Totals			304	37		5				1			1	22					3	179	15
TAYLOR COUNTY																					
Davis, T. B. Estate	T. B. Davis	Inside	21																		
		Outside	9																		
Delmar Coal Co.	Barry	Inside	16																		
		Outside	3																		
Grafton Coal & Coke Co.	Sandlick No. 1	Inside	12																		
		Outside																			
Grafton Coal & Coke Co.	Sandlick No. 2	Inside	21																	6	
		Outside	8																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks *	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
RANDOLPH COUNTY																					
Brady Coal Co.	Klondyke	Inside				1		3										20			
		Outside																	2		22
Davis Coal & Coke Co., The	No. 1	Inside						1										36			
		Outside																	3		39
Davis Coal & Coke Co., The	No. 2	Inside			4			1										106			
		Outside																	13		119
Davis Colliery Co.	Coalton	Inside				14					20							134			
		Outside				3					3								22		
		Coke Yard																		24	180
Davis Colliery Co.	No. 5	Inside																9			
		Outside																	1		10
Davis Colliery Co.	Harding	Inside			1	10												91			
		Outside																	17		
		Coke Yard																		17	125
Davis Colliery Co.	Sivad No. 2	Inside																31			
		Outside																	5		36
Green, W. H.	Williette	Inside																23			
		Outside																	2		25
Jenkins, J. B. Coal & Coke Co., The	Ariana	Inside																45			
		Outside																	7		52
West Virginia Pulp & Paper Co.	Hopkins	Inside																15			
		Outside																	5		20
Totals					5	28		5			23							510	77	41	628
TAYLOR COUNTY																					
Davis, T. B. Estate	T. B. Davis	Inside				1		3			12							37			
		Outside																	9		46
Delmar Coal Co.	Barry	Inside																16			
		Outside																	3		19
Grafton Coal & Coke Co.	Sandlick No. 1	Inside																12			
		Outside																			12
Grafton Coal & Coke Co.	Sandlick No. 2	Inside									16							43	8		
		Outside																			51

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30. 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
TAYLOR COUNTY—Cont.																					
Harrison Coal Co.	Harrison	Inside	29																		
		Outside	3																		
Maryland Coal Co. of West Virginia	Wendel Nos. 1-2	Inside	43	101			3						2				70			50	
		Outside	30	5																7	
McGraw Coal Co.	New York No. 1	Inside	12																	23	
		Outside	16																	1	
Pittsvein Coal Co.	No. 4	Inside	53																	4	
		Outside	16																		
Rosemont Coal Co.	Rosemont	Inside	56															22		32	
		Outside	25																		
Sterling Coal Cc., Ltd	Sterling	Inside	25																		
		Outside	4																		
Winona Coal & Coke Co	Winona	Inside	19														2	8		8	
		Outside	6														1				
		Coke Yard	3														2			4	
Totals			430	106			3						2				75	30		135	
TUCKER COUNTY																					
Cooper, J Calvin	Cooper	Inside	6																		
		Outside	2																		
Cumberland Coal Co.	Douglas No. 1	Inside	16																	46	
		Outside	4																	12	
		Coke Yard																		11	
Cumberland Coal Co.	Douglas No. 2	Inside	7							2										27	
		Outside	3																	2	
Cumberland Coal Co.	Douglas No. 6	Inside	2																	3	
		Outside	2	1																	
Davis Coal & Coke Co., The	No. 23	Inside	26	17				1		4		2	3	4		1			3	16	32
		Outside	6	2																8	
Davis Coal & Coke Co., The	No. 24	Inside	7	8										8	1						7
		Outside	1																	2	
Davis Coal & Coke Co., The	No. 25	Inside	4	12				1						2					2	8	14
		Outside		2																4	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
TAYLOR COUNTY—Cont.																					
Harrison Coal Co.	Harrison	Inside																29			
		Outside																	3		32
Maryland Coal Co. of West Virginia	Wendel Nos. 1-2	Inside				12	24	68	3	20	108							504			
		Outside					2		6										50		554
McGraw Coal Co.	New York No. 1	Inside				1		1			3							40			
		Outside																	17		57
Pittsvein Coal Co.	No. 4	Inside				11		9			24							101			
		Outside																	16		117
Rosemont Coal Co.	Rosemont	Inside			20	7		15			41					17		210			
		Outside																	25		235
Sterling Coal Co., Ltd.	Sterling	Inside																25			
		Outside																	4		29
Winona Coal & Coke Co.	Winona	Inside																37			
		Outside																	7		
		Coke Yard																		9	53
Totals					20	32	26	96	9	20	204					17		1,054	142	9	1,205
TUCKER COUNTY																					
Cooper, J. Calvin	Cooper	Inside			1	1												8			
		Outside																	2		10
Cumberland Coal Co.	Douglas No. 1	Inside			3	45												110			
		Outside			3						2								21		
		Coke Yard																		11	142
Cumberland Coal Co.	Douglas No. 2	Inside			4	10			1									51			
		Outside				1													6		57
Cumberland Coal Co.	Douglas No. 6	Inside				2												7			
		Outside			1														4		11
Davis Coal & Coke Co, The	No. 23	Inside	19		4	1		2	3		12			1				151			
		Outside																	16		167
Davis Coal & Coke Co., The	No. 24	Inside			8		2				5							46			
		Outside																	3		49
Davis Coal & Coke Co', The	No. 25	Inside	3					2	1	2								51			
		Outside																	6		57

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
Davis Coal & Coke Co., The	No. 26	Inside	5	20	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	23	....
		Outside	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	2
Davis Coal & Coke Co., The	No. 34	Inside	22	17	....	....	....	4	....	1	....	....	1	2	....	....	....	......	......	2	2
		Outside	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	1	2
Davis Coal & Coke Co., The	No. 35	Inside	9	2	....	....	....	1	....	....	....	....	3	1	....	....	....	......	......	......	4
		Outside	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	....
Davis Coal & Coke Co., The	No. 36	Inside	12	13	....	....	....	....	....	1	....	....	2	11	....	....	....	......	......	50	12
		Outside	4	....	....	....	....	....	....	....	....	....	....	1	....	....	....	......	......	7	....
Davis Coal & Coke Co., The	No. 37	Inside	14	6	....	....	....	....	1	....	....	....	1	18	....	....	....	......	......	17	33
		Outside	5	1	....	....	....	....	....	1	....	....	....	2	....	....	....	......	......	6	....
Davis Coal & Coke Co., The	No. 38	Inside	43	33	....	....	....	....	....	1	....	....	....	11	....	....	....	......	......	29	....
		Outside	15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	....
Davis Coal & Coke Co., The	No. 39	Inside	63	6	....	....	....	....	....	....	....	....	....	7	....	....	....	......	......	41	6
		Outside	8	1	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	3	....
Davis Coal & Coke Co., The	No. 40	Inside	79	8	....	....	....	....	....	....	....	....	1	5	....	....	....	......	......	42	2
		Outside	15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	....
Davis Coal & Coke Co., The	No. 41	Inside	1	2	....	....	....	....	....	....	....	....	....	24	....	....	....	......	......	6	....
		Outside	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	......	......	......	....
Davis Coal & Coke Co., The	No. 43	Inside	27	11	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	5	....
		Outside	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	....
Totals			426	163	....	....	....	7	1	10	....	2	11	97	1	1	....	......	5	371	116
UPSHUR COUNTY Buckhannon River Coal & Coke Co.	Florence No. 2	Inside	15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	5	....
		Outside	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	....
		Coke Yard	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	2	....
Red Rock Fuel Co.	Red Rock	Inside	27	11	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	17	....
		Outside	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	......	1	....
Totals			61	11	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	25	....

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
Davis Coal & Coke Co., The	No. 26	Inside	....	....	11	....	....	....	....	....	....	....	....	....	....	....	....	59	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	7	....	66
Davis Coal & Coke Co., The	No. 34	Inside	....	....	2	1	....	1	1	....	13	....	....	1	....	2	....	72	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	8	....	80
Davis Coal & Coke Co., The	No. 35	Inside	....	....	2	....	....	....	....	....	1	....	....	....	....	....	....	23	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	1	....	24
Davis Coal & Coke Co., The	No. 36	Inside	....	....	3	16	....	2	2	....	2	....	....	1	....	....	1	128	......	....	......
		Outside	....	....	......	1	....	....	....	....	....	....	....	....	....	....	....	......	13	....	141
Davis Coal & Coke Co., The	No. 37	Inside	....	....	9	....	....	3	....	....	4	....	....	....	....	....	....	106	......	....	......
		Outside	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	......	17	....	123
Davis Coal & Coke Co., The	No. 38	Inside	21	....	......	14	....	14	....	....	29	....	....	....	....	....	....	195	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	15	....	210
Davis Coal & Coke Co., The	No. 39	Inside	....	....	......	11	....	12	....	....	14	....	....	....	....	....	....	160	......	....	......
		Outside	....	....	......	....	....	2	....	....	....	....	....	....	....	....	....	......	14	....	174
Davis Coal & Coke Co., The	No. 40	Inside	....	....	6	10	....	....	....	....	7	....	....	....	....	....	....	160	......	....	......
		Outside	....	....	......	....	....	....	....	....	1	....	....	....	....	....	....	......	16	....	176
Davis Coal & Coke Co., The	No. 41	Inside	....	....	1	1	....	....	3	....	2	....	....	....	....	....	....	40	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	2	....	....	....	....	....	......	4	....	44
Davis Coal & Coke Co., The	No. 43	Inside	....	....	......	....	....	9	....	....	....	....	....	....	....	....	1	53	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	7	....	60
Totals			43	....	59	114	2	47	11	2	92	2	....	4	....	2	2	1,422	158	11	1,591
UPSHUR COUNTY Buckhannon River Coal & Coke Co.	Florence No. 2	Inside	....	....	......	12	....	....	....	....	....	....	....	....	....	....	....	32	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	4	....	......
		Coke Yard	....	....	......	....	....	....	....	....	....	....	....	....	....	....	....	......	......	10	46
Red Rock Fuel Co.	Red Rock	Inside	....	2	1	2	....	....	....	....	5	....	....	....	....	....	1	74	......	....	......
		Outside	....	....	......	....	....	....	....	....	....	....	....	1	....	....	....	......	9	....	83
Totals			....	2	1	14	....	....	....	....	5	....	....	1	....	....	1	106	13	10	129

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Americans White	Austrians	Belgians	Bohemians	Bulgarians	Crotians	Danish	English	French	Galacians	Germans	Granish	Greek	Hebrew	Horwatt	Hungarians	Irish	Italians	Lithuanians
WAYNE COUNTY																					
East Lynn Coal Co.	East Lynn	Inside	72																		
		Outside	9																		
Totals			81																		
WYOMING COUNTY																					
Mead-Pocahontas Coal Co.	Mead-Pocahontas	Inside	16																		
		Outside	14																		
Mullens Smokeless Coal Co.	Mullens	Inside	2																		
		Outside																			
Sabine Smokeless Coal Co.	Sabine	Inside	5	5																	
		Outside																			
Trace Fork Coal Co.	No. 7	Inside	2	2						2											
		Outside	1																		
Virginia Smokeless Fuel Co.	Virginia Smokeless	Ihside	19																		
		Outside	5																	6	
Wyoming Coal Co.	Nos. 1-2-3-4	Inside	28															6			
		Outside	8																		
Totals			100	7						2								6		6	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINES	WHERE EMPLOYED	Litvitch	Montenegros	Negroes	Polish	Roumanians	Russians	Scotch	Servians	Slavish	Spanish	Syrians	Swedish	Turks	Unknown	Welsh	Total Inside Employees	Total Outside Exclusive of Coke Yards	Total Coke Employees	Grand Totals
WAYNE COUNTY																					
East Lynn Coal Co.	East Lynn	Inside			1													73			
		Outside																	9		82
Totals					1													73	9		82
WYOMING COUNTY																					
Mead-Pocahontas Coal Co.	Mead-Pocahontas	Inside			23													39			
		Outside																	14		53
Mullens Smokeless Coal Co.	Mullens	Inside			6													8			8
		Outside																			
Sabine Smokeless Coal Co.	Sabine	Inside			20													30			30
		Outside																			
Trace Fork Coal Co.	No. 7	Inside		10														16			
		Outside		11															12		28
Virginia Smokeless Fuel Co.	Virginia Smokeless	Inside			10													29			
		Outside			4														15		44
Wyoming Coal Co.	Nos. 1-2-3-4	Inside			12	10												56			
		Outside																	8		64
Totals				21	75	10												178	49		227

THE FOLLOWING TABLE EXHIBITS A COMPARATIVE STATEMENT AND SUMMARY OF THE ANNUAL REPORT FOR THE YEARS 1915 AND 1914.

	For the Year ending June 30, 1915	For the Year ending June 30, 1914	Increase of 1915 over 1914	Decrease of 1915 under 1914
Number of counties in which coal is mined on a commercial scale	33	33		
Number of firms operating on a commercial scale	442	442		
Number of openings of all kinds subject to the mining law	850	847	3	
Number of tons (2,240 lbs.) pick mined coal from commercial mines	25,724,986	29,541,498		3,816,512
Number of tons (2,240 lbs.) of machine mined coal from commercial mines	38,393,691	35,941,590	2,452,101	
Total number of tons (2,240 lbs.) of coal from commercial mines	63,818,677	65,483,088		1,664,411
Estimated number of tons of coal from small mines (tons of 2,240 lbs.)	300,000	300,000		
Total number of tons of coal from all mines (tons of 2,240 lbs.)	64,118,677	65,783,088		1,664,411
Number of tons of coal converted into coke (tons of 2,240 lbs.)	1,597,768	2,907,434		1,309,666
Number of tons of coke manufactured (tons of 2,000 lbs.)	1,103,007	1,957,401		854,394
Total value of coal at the mines (tons of 2,240 lbs.)	$62,195,116.69	$65,783,088.00		$ 3,587,971.31
Total value of coke at the ovens (tons of 2,000 lbs.)	$ 2,095,707.00	$ 3,914,802.00		$ 1,819,184.40
Value of a ton of coal at the mines (tons of 2,240 lbs.)	$ .97	1.00		$ .03
Value of a ton of coke at the ovens (tons of 2,000 lbs.)	$ 1.90	2.00		$ .10
Number of mining machines in use	2,566	2,467	99	
Average number of coke ovens in use	3,574	5,902		2,328
Number of days mines were in operation	190	226		36
Number of days ovens were in operation	198	252		54
Number of pick miners employed in commercial coal mines	19,777	19,924		147
Number of machine operators and miners employed in commercial coal mines	29,692	26,684	3,008	
Number of underground laborers in commercial coal mines	19,047	18,323	724	
Number of outside employees connected with the commercial coal mines	11,582	11,212	370	
Number of coke employees	1,230	1,898		668
Total number of persons employed at the commercial coal mines and coke ovens	81,328	78,041	3,287	
Number of persons killed	455	541		86
Number of persons injured non-fatally	1,628	870	758	
Number of persons employed for each man killed	179	144	35	
Number of persons employed for each man injured	49	90		41
Tons of coal mined in commercial mines for each fatality	140,931	121,041	19,890	
Tons of coal mined in commercial mines for non-fatality	39,385	75,268		35,883
Number of wives left widows	201	266		65
Number of children left fatherless	475	621		146
Acres of coal worked out	9,472	10,100		628
Tons of coal produced in commercial mines per miner (Pick and machine miners included)	1,420	1,549		129
Average earnings of each pick miner per year	$ 632.16	$ 726.67		$ 94.61
Average earnings of each pick miner per month	$ 52.68	$ 60.56		$ 7.88
Average price per ton of 2,240 lbs. for mining R-of-mine coal	$ .48	$ .49		$ .01

TABLE SHOWING AVERAGE PRICE PAID PICK MINERS PER YEAR AND MONTH FROM 1897-1915, INCLUSIVE.

Year	Average Earnings of Each Pick Miner		Average Price per Ton of 2240 lbs. Received for Pick Mining (Run of Mine)
	Per Year	Per Month	
1897	$ 275.58	$ 22.96	35 1-5
1898	316.39	26.36	32 9-10
1899	367.84	30.65	36 1-8
1900	451.77	37.65	41 1-16
1901	459.56	38.29	44½
1902	533.56	44.46	47½
1903	499.06	41.59	49½
1904	484.96	40.41	49½
1905	508.01	42.17	47
1906	599.37	49.95	48
1907	643.05	53.59	49
1908	503.84	41.99	46
1909	481.17	40.10	43
1910	573.94	47.83	44
1911	570.48	47.54	44½
1912	618.52	51.54	47
1913	737.62	61.47	48
1914	726.67	60.56	49
1915	632.16	52.68	48

SUMMARY OF WAGES PAID MACHINE MINERS, RUNNERS AND HELPERS, FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	Machine Miners Paid per		Machine Runners		Machine Helpers	
	Tons of 2,240 lbs. Room	Tons of 2,240 lbs. Screened	Wages	Paid by	Wages	Paid by
Barbour	.31	...	.16	Per Car	2.50	Per Day
			.08	Per long Ton	.07	Per long Ton
Boone	.33	...	.08	Per long Ton	.07	Per long Ton
Braxton	.30	...	.14	Per long Ton	.07	Per long Ton
Brooke	.47	...	.07	Per long Ton	.07	Per long Ton
Clay	.36	...	.05	Per long Ton	.07	Per long Ton
Fayette	.32	...	2.75	Per Day	.10	Per long Ton
Gilmer	.34	...	2.50	Per Day	2.50	Per Day
Grant	.38	...	.11	Per Car	.10	Per Car
Greenbrier	...	...	2.50	Per Day	2.25	Per Day
Harrison	.38	...	1.15	Per Place	1.15	Per Place
			.11	Per long Ton	2.25	Per Day
			...	...	.07½	Per long Ton
Kanawha	.40	.71	3,00	Per Day	2.50	Per Day
			.10	Per long Ton	1,25	Per long Ton
			1.25	Per place	1.25	Per Place
Lincoln	.40	...	.25	Per Car	...	...
Logan	.31	...	...	...	...	...
Marion	.35	...	.18	Per Car	.15	Per Car
			.08	Per long Ton	.08	Per long Ton
			3.00	Per Day	2.39	Per Day
Marshall	.39	...	2.75	Per Day	...	...
		.63	.09	Per long Ton	.09	Per long Ton
Mason	.41	...	.10	Per long Ton	.10	Per long Ton
McDowell	.37	...	.10	Per Car	.10	Per Car
			2.75	Per Day	2.25	Per Day
			.13	Per long Ton	.10	Per long Ton
Mercer	.35	...	2.90	Per Day	2.74	Per Day
			.52	Per Place	.39	Per Place
Mineral	.36	...	2.50	Per Day	2.50	Per Day
			.09	Per long Ton	...	...
Mingo	.37	...	3.50	Per Day	2.87	Per Day
			.77	Per Place	.60	Per Place
Monongalia	.37	...	.14	Per long Ton	.12	Per long Ton
Nicholas	.45	...	.10	Per long Ton	.10	Per long Ton
Ohio	.48	...	.13	Per long Ton	.13	Per long Ton
Preston	.32	...	.07	Per long Ton	.07	Per long Ton
			.60	Per Car	...	...
Putnam	...	...	2.25	Per Day	2.00	Per Day

Raleigh	.36		3.00 .07½	Per Day Per long Ton	2.25 .07	Per Day Per long Ton
Randolph	.32		.10	Per long Ton	.10	Per long Ton
Taylor	.32		.08	Per Car	.04	Per car
Tucker	.36		2.70	Per Day	2.50	Per Day
Upshur	.36		2.75	Per Day	2.50	Per Day
Wayne			3.00	Per Day	3.00	Per Day
Wyoming						
Averages	.36	.67	2.75 .11 .76 .19	Per Day Per long Ton Per Place Per Car	2.43 .09 .72 .10	Per Day Per long Ton Per Place Per Car

WAGES PAID, AND SELLING PRICE OF COAL AND COKE FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	Pick Miners Paid Per Ton of 2240 lbs.			Selling Price	
	Run of Mine				
	Room	Heading	Screened Room	Coal	Coke
Barbour	.37	.43	....	.78	1.73
Boone	.30	....	....	1.03	....
Braxton	.30	.44	....	.86	....
Brooke	.30	.52	1.00	1.09	....
Clay	.57	.67	....	.77	....
Fayette	.49	.55	....	1.17	2.78
Gilmer	....	.50	....	.75	....
Grant	.37	.52	....	.82	....
Greenbrier	....	.50	....	1.47	....
Harrison	.40	.50	....	.81	....
Kanawha	.39	.51	....	.93	.93
Lewis	.35	.40	....	....	.70
Lincoln	....	....	....	....	1.14
Logan	.35	.45	....	....	.90
Marion	.32	.41	....	.91	1.70
Marshall	.59	.68	....	1.15	....
Mason	....	....	.89	1.26	....
McDowell	.31	.40	....	1.20	1.87
Mercer	.43	.51	....	1.13	....
Mineral	.52	.63	....	.99	....
Mingo	.54	.71	....	1.04	....
Monongalia	.39	.52	....	.86	....
Nicholas	.50	.60	....	1.06	2.00
Ohio	.58	....	1.00	1.18	....
Preston	.50	.42	....	.94	1.63
Putnam	....	.80	....	1.27	....
Raleigh	.39	.45	....	1.23	....
Randolph	.40	....	....	.73	1.70
Taylor	.43	....	....	.80	1.65
Tucker	.45	.50	....	1.08	2.50
Upshur	.33	....	....	.86	1.60
Wayne	....	....	....	1.06	....
Wyoming	.48	.44	....	1.21	....
Averages	.48	.51	.96	.97	1.90

STATEMENT SHOWING THE QUANTITY OF EXPLOSIVES USED AND THE COAL PRODUCED BY IT AT THE MINES, BY COUNTIES, FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operations Reporting	Tons of Coal (Tons of 2240 lbs.)	No. Kegs of Powder Used	Cost Per Keg to Miner	No. lbs. of Dynamite Used	No. lbs. of Permissible Explosives Used
Barbour	12	962,228	4,089	1.59	100	130,590
Boone	9	575,835	7,914	1.77	1,620	3,537
Braxton	5	294,206	3,776	1.75	204	23,240
Brooke	6	727,326	5,457	1.49	18,100	....
Clay	3	531,645	5,872	1.75	185	20,400
Fayette	124	7,881,872	72,549	1.81	75,273	514,913
Gilmer	3	137,971	1,925	1.87	50	3,000
Grant	3	165,121	1,200	1.70	....	17.000
Greenbrier	1	24,128	318	1.75	100	....
Harrison	71	4,533,032	12,032	1.50	3,300	537,026
Kanawha	95	5,142,586	43,927	1.71	10,344	32,762
Lewis	1	300	....	....	....	....
Lincoln	20	41,966	700	1.75	200	....
Logan	8	6,307,286	54,310	1.70	13,218	88,325
Marion	34	5,988,879	20,007	1.65	1,640	562,134
Marshall	7	963,173	4,530	1.75	100	....
Mason	3	125,135	1,064	1.55	300	....
McDowell	130	13,007,674	139,627	1.68	71,679	589,941
Mercer	34	2,717,510	37,634	1.65	4,610	88,975
Mineral	18	556,350	9,080	1.62	3,075	8,750
Mingo	39	2,538,174	26,117	1.75	2,914	19,350
Monongalia	8	319,947	2,884	1.64	....	4,627
Nicholas	7	122,264	544	1.70	....	9,600
Ohio	5	540,333	2,901	1.65	70	1,200
Preston	23	980,322	6,300	1.53	751	22,125
Putnam	5	479,045	12,400	1.75	2,500	....
Raleigh	72	4,957,567	17,794	1.73	7,625	585,329
Randolph	10	550,108	6,163	1.70	550	200
Taylor	12	946,814	8,792	1.58	6,863	500
Tucker	17	1,453,752	18,810	1.63	3,500	197,245
Upshur	2	98,504	952	1.60	200	....
Wayne	1	51,458	10	....	1,000	10,350
Wyoming	8	96,166	885	1.75	....	7,778
Totals	850	63,818,677	530,563	*1.64	230,071	3,478,897
Small Country Mines	**	300,000	**	**	**	**
Grand Totals	850	64,118,677	530,563	1.64	230,071	3,478,897

**Not Reported
*General Average

IMPROVEMENTS MADE AT THE MINES DURING THE YEAR ENDING JUNE 30, 1915.

COUNTIES	New Plants	Power Plant	New Fans	Furnaces	Mine Cars	Tipples	New Houses	New Loco-motives	Mine Machines	New Openings
Barbour		1	2		200		30	2	4	1
Boone			3	1	96	1	5	1	4	1
Braxton								3		
Brooke			1		100		7	4	2	
Clay							1			
Fayette	1	12	14	2	2,586	4	79	30	19	15
Gilmer										
Grant										
Greenbrier										
Harrison		1			125		11	3	1	4
Kanawha		11	3		965	5	13	4	8	1
Lewis							1			
Lincoln										
Logan	4	3	7		996	10	182	17	21	16
Marion		3			75		14	5	4	
Marshall					161			1		
Mason										
McDowell	2	4	10	1	1,296	4	76	22	14	10
Mercer	2	3	4		149	5	54	3	5	6
Mineral					45					1
Mingo	1	4	5		873	3	6	5	12	3
Monongalia	1	1	1		26	1	5	1	2	1
Nicholas	1	1	1		50	1	1	1	4	1
Ohio			2		50			2	1	
Preston					70	3	5			5
Putnam										1
Raleigh	1	7	9		1,051	5	69	18	11	3
Randolph					50		1			
Taylor							1		3	1
Tucker			1		10			2		
Upshur										
Wayne			1	1						2
Wyoming			2		20	1	6	4	3	
Totals	13	51	66	5	8,994	43	467	128	118	72

TABLE SHOWING NUMBER OF OPENINGS, TOTAL NUMBER OF COKE OVENS, ACRES OF COAL WORKED OUT FROM COMMERCIAL COAL MINES, NUMBER OF MEN KILLED, NON-FATALLY INJURED, ETC.

COUNTY	Number of Mine Openings	Acres of Coal Worked Out	Total No. of Coke Ovens	Number of Men Killed	Number of Men Injured Non-fatally	Number of Horses and Mules Used at the Mines	Number of Fans	Number of Furnaces	Number of Natural Ventilation	Number of Air Shafts
Barbour	12	122	161	1	28	117	11	....	....	....
Boone	9	68	....	4	4	26	9	....	....	....
Braxton	5	23	....	....	....	28	3	....	....	....
Brooke	6	380	....	4	13	27	6	....	....	....
Clay	3	77	....	3	4	13	2	1	....	....
Fayette	124	1,462	2,232	188	345	1,051	94	6	3	1
Gilmer	3	14	....	1	....	15	2	1	....	....
Grant	3	30	....	....	2	12	2	1	....	....
Greenbrier	1	6	....	....	....	6	1	....	....	....
Harrison	71	619	183	11	64	600	60	5	3	....
Kanawha	95	792	15	20	14	777	86	2	1	....
Lewis	1	5	....	....	....	3	1	....	....	....
Lincoln	2	13	....	....	....	12	1	1	....	....
Logan	80	648	....	19	77	255	66	4	....	....
Marion	34	581	786	28	179	445	26	1	5	....
Marshall	7	176	....	4	3	47	8	....	....	....
Mason	3	24	....	....	5	15	3	....	....	....
McDowell	130	1,773	8,910	80	345	1,278	97	7	1	....
Mercer	34	381	1,971	13	81	360	22	1	....	....
Mineral	18	138	....	2	3	81	11	1	2	....
Mingo	39	386	....	28	38	235	25	1	1	....
Monongalia	8	52	262	3	12	17	3	3	2	....
Nicholas	7	12	50	2	5	6	2	1	....	....
Ohio	5	286	....	4	5	26	4	1	....	....
Preston	23	211	995	5	24	90	15	....	2	....
Putnam	5	56	....	3	11	73	3	....	....	....
Raleigh	72	731	....	19	182	332	43	1	2	....
Randolph	10	103	335	1	7	64	6	4	....	....
Taylor	12	102	30	3	27	78	9	....	2	....
Tucker	17	163	135	8	20	99	16	1	....	....
Upshur	2	19	36	1	....	6	2	....	....	....
Wayne	1	13	....	....	1	7	1	....	....	....
Wyoming	8	6	....	....	2	7	3	2	1	....
Totals	850	9,472	16,101	455	1,628	6,208	643	45	25	1

STATEMENT OF THE TONNAGE OF COAL AND COKE FROM THE COLLIERIES IN WEST VIRGINIA, HANDLED AND TRANSPORTED BY THE RAILROADS, IN THE STATE DURING THE TWELVE MONTHS ENDING JUNE 30, 1915, as REPORTED BY THE DIFFERENT RAILROADS.

(Quantities of Coal and Coke are Expressed in Tons of 2,240 lbs. and 2,000 lbs., respectively.)

NAME OF RAILROAD	Total Tons Handled		Tons Originating on Line		Tons Delivered to the Line by Other Railroads in West Va.		Tons Delivered to Other Lines in West Virginia		Tons of West Virginia Fuel Used by the Lines in the State		Railroads and Docks to which Product is Delivered for Distribution	Points of Destination of the Product	
	Coal	Coke	Coal	Coke	Coal	Coke	Coal	Coke	Coal	Coke		East	West
Baltimore & Ohio R. R....	13,487,080	240,064	12,251,524	114,860	1,235,556	125,204	....	....	....	....	Various	All Sections	All Sections
Chesapeake & Ohio R. R..	21,125,742	200,000	19,800,000	176,646	....	....	....	....	718,768	427	C. & O. Docks at Newport News; Southern Ry.; A. C. L.; S. A. L.; R.F.& P. Ry.; C. C. & St. L. Ry.; B.& O.S.W.; C. H. & D.	Coastwise, New England, New York, Etc., Export Richmond, Lynchburg and Various Southern Points	Cincinnati, Chicago, Toledo and various Northern and Western Points.
Coal & Coke Railway Co..	1,312,863	46,758	1,289,426	46,758	23,437	....	1,288,570	46,758	67,792	....	Kanawha & Michigan Ry.; Baltimore & Ohio Ry.; Western Maryl'nd land Ry.	Curtis Bay, Md., Pt. Richmond, Pa., Pt. Reading, Pa., Port Covington, Md. & Various Eastern Points.	Toledo Docks Ohio, Lorain Docks, Ohio, and various Western and Northern Points

Norfolk & Western R. R. Co.	22,614,513	873,048	19,247,779	684,370	2,677,474	5,242	5,988	....	683,272	....	Lamberts Point, Piers A. C. Line, S. A. Line Southern Ry., L. & N. Ry., Toledo & Sandusky Docks & C. C. Lines.	Foreign Ports & Atlantic Coast (Tidewater) Virginia, N. & S.Carolina Points (inland.)	Cincinnati, Lake Points, Chicago and Western Cities.
Kanawha & Michigan R. R.	3,892,328	44,296	2,879,267	37,031	1,013,061	7,265	....	....	....	....	Various Railroads throoughout the States Docks at Toledo on Hocking Valley & Toledo on O. C. Lines		All points in Ohio, Indiana & Lake Ports
Virginian Railway	3,427,536	84	3,056,893	....	370,643	84	....	....	131,964	....	Atlantic Coast Line; Southern Ry. & Norfolk Southern Ry.	Sewell's Point Va., and Various Eastern Points	
Western Maryland R. R.	2,839,959	48,133	2,484,756	42,726	355,203	5,407	117,819	1,109	95,250	....	B. & O. Railroad, P.& R. Ry., Pennsylvania Ry. C. & C. Ry., and their connections.	Coal Piers at Baltimore, Philadelphia & New York local points on W.M.Ry. B. & O. Ry., Pennsylvania Ry., C. & C. Ry. and connections.	Various Western points via B. & O. R. R. and Coal & Coke Ry. and their connections.
Totals	68,700,021	1,452,383	61,009,645	1,102,391	5,675,374	143,202	1,412,377	47,867	1,697,046	427			

RATES ON COAL AND COKE FROM THE VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & O. RY. TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

		Commercial Coal, Lake or Tidewater Coal		Coke from various Districts to the Same Points	
		Kanawha District	New River District	Kanawha District	New River District
Detroit, Mich	Com.	$1.40*	$1.60*	$2.10*	$2.10*
Toledo, O	Lake	1.02*	1.17*	1.95*	1.95*
Toledo, O	Com.	1.25*	1.45*	1.95*	1.95*
Cincinnati, O	Com.	1.00*	1.10*	1.70*	1.70*
Chicago, Ill	Com.	1.90*	2.05*	2.50*	2.50*
Indianapolis, Ind	Com.	1.55*	1.65*	2.30*	2.30*
St. Paul, Minn	Com.	No Through	Rates	No Through	Rates
Milwaukee, Wis. (proper)	Com.	No Through	Rates	2.85*	2.85*
Hamilton, O	Com.	1.15*	1.25*	1.95*	1.95*
Springfield, O	Com.	1.25*	1.45*	1.95*	1.95*
Dayton, O	Com.	1.25*	1.35*	1.95*	1.95*
Lima, O	Com.	1.25*	1.45*	1.95*	1.95*
Newport News, Va (For beyond Capes)		1.50*	1.40*	1.75*	1.65*
Newport News, Va. (Proper)	Com.	1.60*	1.50*	2.00*	2.00*
Richmond, Va	Com.	1.60*	1.50*	2.00*	2.00*
Lynchburg, Va	Com.	1.50*	1.40*	1.50*	1.40*
Winston-Salem, N. C	Com.	2.20*	2.10*	2.20*	2.10*
Manchester, Va	Com.	1.60*	1.50*	2.00*	2.00*
Emporia, Va	Com.	2.40*	2.30*	2.40*	2.30*
Mineral, Va	Com.	1.60*	1.50*	2.00*	2.00*
Jacksonville, Fla	Com.	2.85*	2.75*	3.35*	3.25*
Savannah, Ga	Com.	2.50*	2.40*	2.75*	2.65*
Covington, Va				.75*	.65*
Fordwick, Va				1.50*	1.50*
Fordwick , Va	Com.				
Pea, Nut and Slack		.75*	.65*		
Mine Run		.90*	.80*		
Lump and Egg		1.05*	.95*		
Covington, Va	Com.				
Pea, Nut and Slack		.60*	.50*		
Mine Run		.85*	.75*		
Lump and Egg		1.00*	.90*		

NOTE—State whether rates apply to long or short tons.
.Per ton of 2240 pounds
*Per ton of 2000 pounds

RATES ON COAL AND COKE FROM THE VARIOUS DISTRICTS IN WEST VIRGINIA ON THE NORFOLK AND WESTERN RAILWAY TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

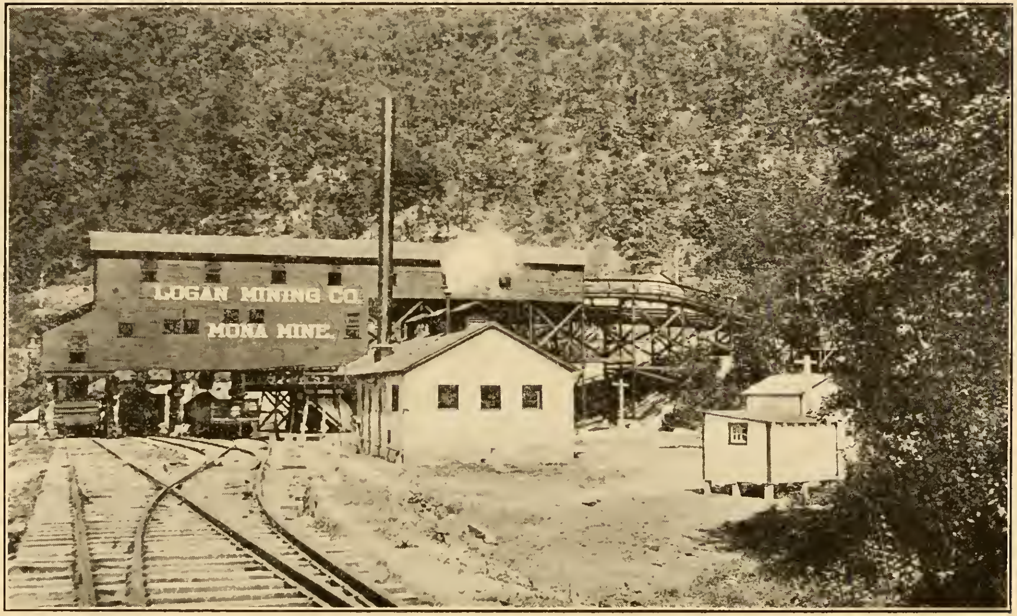
TO	COKE	Pocahontas, Tug River and Clinch Valley Districts
Chicago, Ill.		$2.50
Joliet, Ill.		2.50
Ironton, O.		1.00
Hanging Rock, O.		1.00
Columbus, O.		1.55
Jackson, O.		1.25
Wellston, O.		1.25
Sault Ste. Marie, Ont., to December 31, 1914		3.35
Milwaukee, Wis., From January 1, 1915 to December 31, 1915		2.70
From January 1, 1915		2.85

TO	COAL	Pocahontas, Tug River and Clinch Valley Districts	Thacker	Kenova
Norfolk, Va.		$1.50	$1.60	$1.70
Greensboro, N. C.		2.30	2.40	2.50
Charlotte, N. C.		2.35	2.45	2.55
Salisbury, N. C.		2.35	2.45	2.55
Concord, N. C.		2.35	2.45	2.55
Raleigh, N. C.		2.30	2.40	2.50
Durham, N. C.		2.20	2.30	2.40
Winston-Salem, N. C.		2.10	2.20	2.30
Graham, N. C.		2.30	2.40	2.50
Burlington, N. C.		2.30	2.40	2.50
Haw River, N. C.		2.30	2.40	2.50
Wilmington, N. C.		2.05	2.15	2.25
Fayetteville, N. C.		2.40	2.50	2.60
Tarboro, N. C.		2.40	2.50	2.60
Washington, N. C.		2.05	2.15	2.25
Columbia, S. C.		2.35	2.45	2.55
Charleston, S. C.		2 15	2.25	2.35
Chicago, Ill.		2.05	1.90	1.90
Joliet, Ill.		2 05	1.90	1.90
Cincinnati, O.		1.10	1.00	1.00
Detroit, Mich.		1.60	1.40	1.40
Grand Rapids, Mich.		2.10	1.90	1.90
Kalamazoo, Mich.		2.05	1.85	1.85
South Bend, Ind.		1.95	1.80	1.80
*Sandusky Docks, O.		1.12*	.97*	.97*
*Note—on dock plus 5c per ton loading All per ton 2,000 lbs. Lambert Point, Va. (For beyond Capes) per ton of 2,240		$1.40 (On pier)	$1.50 (On pier)	$1.60 (On pier)

RATES ON COAL FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & C. RY. TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

TO WHAT POINT	Roaring Creek District	Upshur District	Braxton District	Elk River District
Chicago, Ill	$1.90	$1.90	$1.90	$1.90
Indianapolis, Ind	1.55	1.55	1.55	1.55
Columbus, O	.90	.90	.90	.90
Toledo, O	1.25	....	1.25	1.25
Detroit, Mich	1.40	1.40	1.40	1.40
Milwaukee, Wis	2.50	2.50	2.50	2.50
La Fayette Ind	1.75	1.75	1.40	1.40
Kokomo, Ind	1.55	1.55	1.55	1.55
Gas City, Ind	....	....	1.55	1.55
Greensburg, Ind	1.55	1.55	1.55	1.55
Adrian, Mich	1.40	1.40	1.40	1.40
St. Louis, Mo	2.35	2.35	2.35	2.35
Cleveland, O	1.15	1.15	1.15	1.75
Dayton, O	1.25	1.25	1.25	1.25
Portland, Ind	1.55	1.55	1.55	1.55
Jackson, Mich	1.60	1.60	1.60	1.60
Pontiac, Mich	1.80	1.80	1.80	1.80
Marion, Ind	1.55	1.55	1.55	1.55
Saginaw, Mich	1.90	1.90	1.90	1.90
Grand Rapids, Mich	1.90	1.90	1.90	1.90
Bluffton, O	1.25	1.25	1.25	1.25
Wabash, Ind	1.65	1.65	1.65	1.65
Urbana, O	1.25	1.25	1.25	1.25
Ft. Wayne, Ind	1.60	1.60	1.60	1.60
Ann Arbor, Mich	1.60	1.60	1.60	1.60
Richmond, Ind	1.45	1.45	1.45	1.45
Lima, O	1.25	1.25	1.25	1.25
Marion, O	1.25	1.25	1.25	1.25
Springfield, O	1.25	1.25	1.25	1.25
New York, N. Y	2.20	2.20	2.20	*2.20
Philadelphia, Pa	1.85	1.85	1.85	*1.85
Baltimore, Md	1.85	1.85	1.85	*1.85
Reading, Pa	1.75	1.75	1.75	*1.75
Harrisburg, Pa	1.55	1.55	1.55	*1.55

*The rates to these points will only be applicable from Elk District to stations East of Middle Creek.


LOGAN MINING CO.
MONA MINE.

RATES ON COKE FROM THE VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & C. RY. TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

TO WHAT POINT	Roaring Creek District	Upshur District
Chicago, Ill.	$2.50	$2.50
Indianapolis, Indiana	2.30	2.30
Columbus, Ohio	1.65	1.65
Toledo, Ohio	1.85	1.85
Detroit, Michigan	2.10	2.10
Milwaukee, Wisconsin	2.85	2.85
La Fayette, Indiana	2.50	2.50
Kokomo, Indiana	2.30	2.30
Granite City, Illinois	2.80	2.80
Adrian, Michigan	2.10	2.10
St. Louis, Missouri	2.80	2.80
Dayton, Ohio	1.95	1.95
Jackson, Michigan	2.30	2.30
Jackson, Ohio	1.20	1.20
Wellston Ohio	1.20	1.20
Saginaw, Michigan	2.50	2.50
Grand Rapids, Michigan	2 50	2.50
Bellefontaine, Ohio	1.95	1.95
Washington Court House, Ohio	1.95	1.95
Union Furnace, Ohio	1.55	1.55
Ft. Wayne, Ind	2.30	2.30
Addyston, Ohio	2.10	2.10
Lima, Ohio	1.95	1.95
Marion, Ohio	1.95	1.95
Springfield, Ohio	1.95	1.95
New Castle, Indiana	2.30	2.30
Peoria, Illinois	2.65	2.65
Benton Harbor, Michigan	2.50	2.50
Hamilton, Ohio	1.95	1.95
Hammond, Indiana	2.50	2.50

RATES ON COAL AND COKE, CARLOADS, FROM NEW RIVER DISTRICT IN WEST VIRGINIA, SERVED BY THE VIRGINIAN RAILWAY, TO PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

Per ton 2,000 pounds, except as noted below.

TO	From New River District	
	Coal, Carloads	Coke, Carloads
Sewalls Point, Va. (For export)	$1.40 (See Note)	$1.65 (See Note)
(For beyond the Capes)	1.40 (See Note)	*2.00
Norfolk, Va.	1.50	2.00
Richmond, Va.	1.50	2.00
South Richmond, Va.	1.50	2.00
Lynchburg, Va.	1.50	1.50
Roanoke, Va.	1.30	.65
Emporia, Va.	2.30	2.30
Winston-Salem, N. C.	2.10	2.10
Greensboro, N. C.	2.30	2.30
Charlotte, N. C.	2.35	2.35
Salisbury, N. C.	2.35	2.35
Concord, N. C.	2.35	2.35
Raleigh, N. C.	2.30	2.30
Durham, N. C.	2.20	2.20
Graham, N. C.	2.30	2.30
Burlington, N. C.	2.30	2.30
Haw River, N. C.	2.30	2.30
Wilmington, N. C.	2.05	2.45
Fayetteville, N. C.	2.40	2.40
Tarboro, N. C.	2.40	2.40
Washington, N. C.	2.05	2.40
Columbia, S. C.	2.35	2.35
Charleston, S. C.	2.15	2.50
Savannah, Ga.	2.40	2.65
Jacksonville, Fla.	2.75	3.25

*Includes Barge delivery.

NOTE:—Rates to Sewalls Point, Va. on coal for export or for beyond the Capes, and Coke for export, apply per ton of 2,240 pounds.

RATES ON COAL AND COKE FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE WESTERN MARYLAND TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1915.

TO	Notes	Coal Cumberland Piedmont District	Coal West Virginia District	Coke West Virginia District
Boston, Mass	1	$2.60 gross ton	$2.85 gross ton	$3.25 net ton
Pt. Reading		1.55 " "	1.80 " "	
New York, N. Y		1.95 " "	2.20 " "	2.65 " "
Jersey City, N. J		1.85 " "	2.10 " "	2.15 " "
Pt. Richmond	1 and 2	1.35 " "	1.60 " "	
Pt. Richmond	1 and 3	1.25 " "	1.50 " "	
Pt Richmond	4			1.65 gross ton
Philadelphia, Pa		1.60 gross ton	1.85 gross ton	1.85 net ton
Baltimore, Md		1.60 " "	1.85 " "	1.60 " "
Pt. Covington	1 and 2	1.35 " "	1.60 " "	1.65 gross ton
Pt. Covington	1 and 3	1.18 " "	1.43 " "	
Sandusky, O	6 B	1.45 net ton	1.25 net ton	1.95 net ton
Sandusky, O. (For reshipments by Lakes)	6 A	1.12 net ton	.96¾" "	
Chicago, Ill		2.05 " "	1.90 " "	2.50 net ton
St. Louis, Mo		2.50 " "	2.35 " "	2.80 " "

NOTE—(1) When dumped over coal piers and delivered to vessels.
(2) For points inside capes.
(3) For points outside capes.
(4) When for export.
(5) For points in Baltimore Harbor in Chesapeake Bay, "inside the Chesapeake Capes."
(6) For points outside Chesapeake Capes.
(A) Applies only in cargo coal F. O. B. cars on Dock for reshipment by Lake. The charge for transferring coal from cars to vessel is 5 cents tons of 2,000 lbs. and will be in addition to above rates.
(B) Applies on coal F. O. B. cars on Dock to be used for fuel for vessels. The charge for transferring coal from cars to bunkers of vessels are as follows; and will be in addition to the above rates:
Vessels taking coal cargoes....................11c per 2000
Vessels not taking coal cargoes....................19c per 2000
Vessels not taking coal cargoes (When coal is wheeled aboard....................35c per 2000

RATES ON COAL AND COKE FROM MINES LOCATED ON THE K. & M. RY. IN WEST VIRGINIA TO THE PRINCIPAL MARKETING POINTS, AS OF JUNE 30, 1915.

TO	Price per Net Ton	
	Coal	Coke
Chicago, Ill	$1.90	$2.50
Columbus, O	.90	1.20
Detroit, Mich	1.40	2.10
Ft. Wayne, Ind	1.60	2.30
Grand Rapids, Mich	1.90	2.50
Holland, Mich	1.90	2.50
Indianapolis, Ind	1.55	2.30
Kalamazoo, Mich	1.85	2.50
Lafayette, Ind	1.75	2.50
Milwaukee, Wis. (proper)	2.50	2.70
Milwaukee, Wis. (beyond)	2.00	
Toledo, O. (proper)	1.25	1.65
Toledo, O. (for lake shipment)	1.02	
Toledo, O. (fuel coal)	1.25	

RATES ON COAL FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE B. & O. R. R. AND LATERAL LINES TO THE PRINCIPAL MARKETING POINTS, JUNE 30, 1915.

FROM TO	DELIVERY	Austen, Elk Garden, Kingwood, Upper Potomac.	Belington, Clarksburg, Fairmont, Junior Monongah, Opekiska, Roaring Creek, Short Line, Upshur.	Moundsville.	Ohio River.	Gauley.
		Gross Ton	Gross Ton	Gross Ton	Gross Ton	Gross Ton
Baltimore, Md.	Local	$1.60	$1.85	$1.85	$2.00	$1.85
	For reshipment inside Capes	1.35	1.60	1.60	1.75	1.60
	For reshipment outside Capes	1.18	1.43	1.43	1.58	1.43
Philadelphia, Pa.	Local	1.60	1.85	1.85	2.00	1.85
	For reshipment inside Capes	1.35	1.60	1.60	1.75	1.60
	For reshipment outside Capes	1.25	1.50	1.50	1.65	1,50
St. George. S. I.	For reshipment	1.55	1.80	1.80	No. Rate	No Rate
Wilmington, Del.	Local	1.60	1.85	1.85	2.00	1.85
		Net Ton	Net Ton	Net Ton	Net Ton	Net Ton
Columbus, O.	Local	1.15	.90	.90	.90	1.15
Sandusky, O.	Local	1.45	1.25	1.25	1.25	1.45
Cleveland, O.	Local	1.35	1.15	1.00	1.15	1.35
Lorain, O.	Local	1.35	1.15	1.00	1.15	1.35
Barberton, O.	Local	1.35	1.05	.95	1.05	1.35
Chicago, Ill.	Local	2.05	1.90	1.90	1.90	2.05
Syracuse, Ind.	Local	1.80	1.60	1.60	1.60	1.80
Cincinnati, O.	Local	1.10	1.00	1.00	1.00	1.10
Toledo, O.	Local	1.45	1.25	1.25	1.25	1.45
Detroit, Mich.	Local	1.60	1.40	1.40	1.40	1.60
Grand Rapids, Mich.	Local	2.10	1.90	1.90	1.90	2.10

RATE ON COKE FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE B. & O. R. R. AND LATERAL LINES TO THE PRINCIPAL MARKETING POINTS, JUNE 30, 1915.

FROM TO	DELIVERY	Belington, Clarksburg Coal & Coke Co. 10 Kingwood, Mononga, Moundsville, Opekiska Short Line, Western Maryland R. R.	Gauley
		Rates per 2,000 lbs.	Rate per 2,000 lbs.
Baltimore, Md	Local	1.60	1.80
Philadelphia, Pa	Local	1.85	2.05
St. George, S. I	For reshipment	2.15	2.35
Reading, Pa	Local	1.65	1.85
Catasaqua, Pa	Local	1.80	2.00
Swedeland, Pa	Local	1.80	2.00
Harrisburg, Pa	Local	1.50	1.50
Columbus, O	Local	1.65	1.85
Cleveland, O	Local	1.60	1.80
Youngstown, O	Local	1.20	1.40
Akron, O	Local	1.50	1.70
Cincinnati, O	Local	1.70	1.80
Chicago, Ill	Local	2.50	2.70
Toledo, O	Local	1.85	2.05
Detroit, Mich	Local	2.10	2.30

THE FOLLOWING IS A LIST OF RIVER SHIPMENTS FOR THE YEAR ENDING JUNE 30, 1915.

NAME OF RIVER	NAME OF COMPANY	Gross Tons
Kanawha	Belmont Coal Company	29,389
Kanawha	Black Betsey Coal & Mining Company	112,454
Kanawha	Campbell's Creek Coal Company	222,617
Kanawha	Coalburg-Kanawha Coal Company	58,460
Kanawha	Kelley's Creek Colliery Company	37,681
Kanawha	Marmet Coal Company, The	84,587
Kanawha	Montgomery Coal Company	3,057
Kanawha	Otto Marmet Coal & Mining Co., The	98,339
Kanawha	Plymouth Mining Company, The	127,112
Kanawha	Sunday Creek Coal Company	231
Kanawha	St. Clair Colliery Company	9,395
Kanawha	Winifrede Coal Company	35,980
Total		819,302
Monongahela	Fairmont & Cleveland Coal Co	45,085
Total		45,085
Ohio	West Virginia-Pittsburg Coal Company	16,775
Total		16,775
Grand Total		881,162

SECOND SECTION

Fatal, Non-Fatal and Minor Accidents
Prosecutions
Miscellaneous

TABLE SHOWING THE FATAL AND NON-FATAL ACCIDENTS IN THE STATE BY COUNTIES, AND THEIR CAUSES.

COUNTY	Falls of Roof and Slate		Mine Cars		Locomotives		Electricity		Mining Machines		Explosives		Disasterous Explosions		Railroad cars		Tipple Accidents		Monitors		Miscellaneous		Total Fatal	Total Non-Fatal	Sum Total
	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N. F	
Barbour	1	10	....	6	....	2	....	....	....	....	....	3	....	....	....	1	....	....	....	....	....	6	11	28	29
Boone	3	....	1	2	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	4	4	8
Brooke	....	7	....	2	....	....	3	....	....	2	....	....	....	....	....	....	....	1	....	....	1	1	4	13	17
Clay	2	1	....	2	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	3	4	7
Fayette	29	176	14	87	1	6	5	2	....	10	2	20	135	....	....	2	....	1	1	2	1	39	188	345	533
Gilmer	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	......	1
Grant	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	2	2
Harrison	6	22	3	22	....	1	2	....	....	2	....	6	....	....	....	1	....	....	....	....	....	10	11	64	75
Kanawha	10	59	5	41	1	3	1	....	....	10	1	11	....	....	1	2	....	....	....	....	1	15	20	141	161
Logan	8	30	7	22	....	3	2	4	1	3	1	6	....	....	1	1	....	1	....	....	....	7	19	77	96
Marion	18	54	9	65	....	8	....	....	....	13	....	3	....	....	....	2	....	2	....	....	....	32	28	179	207
Marshall	3	2	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	3	7
Mason	....	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	5	5
McDowell	49	183	15	91	7	16	5	....	....	8	....	13	3	....	....	6	....	3	....	....	1	25	80	345	425
Mercer	9	39	2	24	....	4	....	....	....	3	....	....	....	....	1	1	....	....	....	....	1	7	13	81	94
Mineral	....	2	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	3	5
Mingo	16	13	4	15	4	2	3	....	....	3	....	2	....	....	....	....	....	....	....	....	1	3	28	38	66
Monongalia	1	1	1	4	....	1	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	4	3	12	15
Nicholas	2	....	....	2	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	2	5	7
Ohio	2	1	1	2	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	4	5	9
Preston	5	7	....	9	....	1	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....	4	5	24	29
Putnam	2	7	....	2	....	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	3	11	14
Raleigh	10	78	3	51	1	11	2	1	1	5	1	16	....	....	1	1	....	2	....	....	....	17	19	182	201
Randolph	1	5	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	7	8
Taylor	2	16	1	7	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	3	27	30
Tucker	1	3	3	12	....	....	....	....	....	....	2	5	....	....	....	....	....	....	....	....	2	....	....	20	28
Upshur	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	......	1
Wayne	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2
Wyoming	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	1
Totals	181	720	70	472	15	59	28	7	2	69	8	97	138	....	4	18	....	11	1	2	8	173	455	1,628	2,083

COMPARATIVE STATEMENT OF THE NUMBER OF MEN EMPLOYED, MEN KILLED, AND THE PRODUCTION OF COAL FROM 1888 TO 1915 (*Commercial Mines.*)

FOR THE YEAR ENDING	Number of Inside Employees	Number of Outside Employees	Total Employees excluding Coke Men	Killed by Falls of Coal, Slate and Roof	Killed by Cars	Killed by Explosions	Killed by Other Causes	Total Killed	Total Tons of Coal Mined (Tons of 2,240 lbs.)	Tons Mined for each Inside Employee	Tons Mined for each Person Killed Inside	Number of Persons Killed Inside for every 1000 inside employees	Number Inside employees for every Person Killed Inside
December 31, 1883	5,343	1,051	6,394	17	3	....	....	20	2,805,565	525	147,661	3.55	281
December 31, 1884	4,627	1,724	6,351	No Re	port	....	....	....	2,901,642	627	....	....	....
December 31, 1885	5,486	1,806	7,292	16	4	3	....	23	3,008,091	548	150,404	3.64	274
December 31, 1886	6,081	1,181	7,262	4	2	39	3	48	3,213,093	528	66,939	7.23	138
January 1, 1887 to June 30, 1888	7,269	1,187	8,456	27	2	....	2	31	5,809,223	799	187,394	4.26	234
June 30, 1889	7,761	1,242	9,006	9	....	....	4	13	4,566,859	588	415,169	1.41	706
June 30, 1890	9,173	2,324	11,497	21	2	2	2	27	5,613,946	615	235,168	2.61	382
June 30, 1891	10,434	2,589	13,023	22	4	5	5	36	7,281,430	690	251,084	2.78	359
June 30, 1892	11,776	2,118	13,894	27	6	2	1	36	7,777,570	660	222,216	2.90	336
June 30, 1893	14,204	1,036	15,290	54	8	5	5	72	9,758,054	686	145,642	4.71	212
June 30, 1894	15,682	1,902	17,584	49	6	....	4	59	9,428,065	601	171,419	3.50	285
June 30, 1895	16,692	1,896	18,588	51	12	12	8	83	9,874,099	591	124,988	4.73	221
June 30, 1896	20,257	1,814	22,071	48	8	1	8	65	11,937,468	589	205,818	2.86	349
June 30, 1897	17,069	2,047	19,116	47	7	2	6	62	11,571,906	678	192,865	3.51	284
June 30, 1898	18,592	2,148	20,740	67	12	2	6	87	14,154,865	761	186,248	4.08	244
June 30, 1899	19,634	2,461	22,095	64	13	4	8	89	16,100,150	820	203,799	4.02	248
June 30, 1900	21,820	2,815	21,635	61	15	57	8	141	18,836,911	858	140,879	6.09	164
June 30, 1901	25,693	3,467	29,160	76	20	29	5	130	20,115,991	782	166,247	4.70	212
June 30, 1902	27,720	4,023	31,743	79	23	7	11	120	23,179,083	836	210,718	3.96	252
June 30, 1903	30,450	5,151	35,601	96	19	32	12	159	22,733,698	743	154,651	4.82	207
June 30, 1904	36,316	5,665	41,981	95	23	12	10	140	26,814,715	738	218,006	3.38	295
June 30, 1905	39,903	5,875	45,778	105	28	39	22	194	31,323,029	785	177,972	4.41	227
June 30, 1906	40,865	6,531	47,396	99	26	114	29	268	37,223,474	910	148,894	6.11	163
June 30, 1907	44,147	7,309	51,456	139	38	159	20	356	39,860,311	903	123,026	7.24	139
June 30, 1908	48,928	7,555	56,493	158	41	382	44	625	39,187,010	801	62,699	12.24	189
June 30, 1909	50,567	11,622	62,189	137	41	124	62	364	41,513,766	821	114,048	6.72	149
June 30, 1910	54,680	9,294	63,974	215	64	10	31	320	52,723,708	964	171,738	5.61	178
June 30, 1911	57,832	9,944	67,776	184	59	27	62	332	54,033,186	929	179,710	5.17	193
June 30, 1912	56,853	10,461	67,314	207	35	106	60	409	59,581,774	1,048	151,994	6.89	145
June 30, 1913	57,197	13,124	70,321	184	46	8	70	308	61,770,352	1,075	214,931	5.00	186
June 30, 1914	64,931	13,110	76,101	213	62	183	83	541	65,483,088	1,013	130,264	7.78	129
June 30, 1915	68,516	11,582	80,098	181	70	137	67	455	64,118,677	936	151,223	6.64	151
Totals	916,511	156,104	1,072,615	2,752	720	1,503	658	5,633	784,121,793	856	139,152	6.15	163

FATAL ACCIDENTS BY CAUSES IN WEST VIRGINIA, 1883 TO 1915, INCLUSIVE.

CAUSES	Year Ending December 31st																		Year Ending June 30th.																
	1883	1884	1885	1886	1-1 87 to 6-30 88	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	Total	Per Cent
Fall of Roof, Coal, etc.	17	..	16	4	27	9	21	22	27	54	49	51	48	47	67	64	61	76	79	96	95	105	99	139	158	144	215	184	207	184	213	181	2,759	49.15
Cars	3	..	4	2	2	..	2	4	6	8	6	12	8	7	12	13	15	20	23	19	23	28	26	38	40	41	64	59	44	46	62	74	711	12.67
Explosions	..	..	3	39	....	..	2	5	2	5	..	12	1	2	2	4	57	29	7	32	12	39	114	159	377	129	10	27	106	14	183	138	1,510	26.90
Other	..	..	..	3	2	4	2	5	1	5	4	8	8	6	6	8	8	5	11	12	10	22	29	20	50	50	31	62	52	61	83	62	633	11.28
Totals	20	..	23	18	31	13	27	36	36	72	59	83	65	62	87	89	141	130	120	159	140	194	268	356	625	364	320	332	409	308	541	455	5,613	100.00

FATAL ACCIDENTS INSIDE AND OUTSIDE FROM 1883 TO 1902 INCLUSIVE.

INSIDE

CAUSES	1883	1884	1885	1886	*1887-88	1889	.1890	1891	1892	Totals	Percent-age
Fall of Coal, Slate and Roof	17	....	16	4	27	9	21	22	27	143	67.14
Mine Cars	2	....	1	1	2	....	1	2	5	14	6.57
Explosions of Gas	....	....	3	39	....	....	....	4	1	47	22.07
Explosions of Powder, Dust, Blast	....	....	....	....	....	....	2	1	1	4	1.87
Locomotives	....	....	....	....	....	....	....	....	....	....	....
Miscellaneous	....	....	....	....	2	2	....	....	1	5	2.35
Totals	19	....	20	44	31	11	24	29	35	213	100.00

OUTSIDE

CAUSES	1883	1884	1885	1886	*1887-88	1889	†1890	1891	1892	Totals	Percent-age
Cars	1	....	3	1	....	....	1	2	1	9	42.86
Locomotives	....	....	....	1	....	1	....	....	....	2	9.52
Miscellaneous	....	....	....	2	....	1	2	5	....	10	47.62
Totals	1	....	3	4	....	2	3	7	1	21	100.00

*The accidents are for 18 months from January 1, 1887, to June 30, 1888.
†Accidents reported for 2d District only.

INSIDE

CAUSES	1883	1884	1885	1886	*1887-88	1889	†1890	1900	1901	1902	Totals	Percent-age
Falls of Coal, Roof and Slate	54	49	51	48	47	67	64	61	76	79	596	71.12
Mine Cars	5	4	9	4	6	6	7	11	11	13	76	9.07
Explosions of Gas	....	....	....	....	....	1	....	50	10	....	61	7.28
Explosions of Powder, Dust and Shots	5	....	15	1	2	1	4	6	19	7	60	7.16
Mules	....	....	1	....	....	....	....	....	1	....	2	.24
Mine Machines	1	....	....	....	....	....	....	....	1	....	2	.24
Motors	....	....	....	....	....	....	....	1	....	....	1	.12
Locomotives	....	....	1	....	2	1	....	2	1	....	7	.84
Miscellaneous	2	2	2	5	3	....	4	2	2	11	33	3.93
Totals	67	55	79	58	60	76	79	133	121	110	838	100.00

OUTSIDE

CAUSES	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	Totals	Percent-age
Cars	5	2	3	5	2	9	6	7	9	10	58	82.86
Machinery	....	....	....	....	....	1	1	....	....	....	2	2.86
Boiler Explosions	....	....	....	....	....	....	....	1	....	....	1	1.42
Locomotives	....	....	1	....	....	....	1	....	....	....	2	2.86
Miscellaneous	....	2	....	2	....	1	2	....	....	....	7	10.00
Totals	5	4	4	7	2	11	10	8	9	10	70	100.00

FATAL ACCIDENTS INSIDE AND OUTSIDE FROM 1903 TO JUNE 30, 1915.

INSIDE

CAUSES	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	Totals	Percent-age
Falls of Roof, Coal and Slate	96	95	105	99	139	155	144	215	184	207	184	213	181	2,017	48.88
Mine Cars	12	12	18	16	20	28	31	44	37	36	34	52	58	398	9.53
Explosions of Gas	24	3	1	4	29	2	3	....	3	18	8	....	....	96	2.30
Explosions of Gas and Dust	....	....	....	23	101	....	1	....	23	83	....	183	137	550	13.19
Explosions of Dust, Powder and Shots	8	9	38	86	17	375	120	9	1	5	6	6	....	680	16.16
Animals	1	....	1	1	....	2	3	....	2	....	....	2	....	12	.29
Mine Machine	1	....	1	1	....	2	....	....	1	3	3	4	2	18	.43
Motors	....	....	3	5	4	8	14	14	13	11	22	....	....	94	2.27
Locomotives	1	1	....	1	1	....	....	1	....	....	....	16	12	33	.78
Shaft Accidents	....	....	....	....	....	....	....	....	....	....	....	3	....	3	.01
Machinery	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....
Electricity	....	....	....	....	....	....	....	....	....	....	....	17	24	41	.98
Mine Fires	....	....	....	....	....	....	....	....	....	....	....	5	....	5	.01
Explosives	....	....	....	....	....	....	....	....	....	....	....	....	8	8	.02
Miscellaneous	4	3	9	14	13	27	25	23	35	29	29	2	2	215	5.15
Totals	147	123	176	253	324	599	340	307	299	392	286	505	424	4,172	100.00

OUTSIDE

CAUSES	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	Totals	Percent-age
Mine Cars	7	11	10	10	18	12	12	4	22	8	12	10	12	148	50.17
Machinery	....	1	....	1	....	2	1	1	3	3	3	1	....	16	5.42
Locomotives	2	1	....	....	1	1	....	1	....	1	3	1	4	15	5.08
Electricity	....	....	....	....	....	....	....	....	....	....	2	3	4	9	2.38
Explosives	....	....	....	....	....	....	....	....	....	....	....	3	1	4	1.35
Incline	....	....	....	....	....	....	....	....	....	....	....	3	....	3	1.02
Tipple	....	....	....	....	....	....	....	....	....	....	....	5	....	5	1.70
R. R. Cars	....	....	....	....	....	....	....	....	....	....	2	7	4	13	3.74
Coke Yard	....	....	....	....	....	....	....	....	....	....	....	1	....	1	.32
Miscellaneous	3	4	8	7	13	11	11	7	8	5	....	2	6	85	28.82
Totals	12	17	18	18	32	26	24	13	33	17	22	36	31	299	100.00

TABLE SHOWING THE NATIONALITIES OF PERSONS KILLED AND CAUSES OF FATAL ACCIDENTS AT THE MINES FOR THE YEARS 1914 AND 1915.

1914

CAUSES

NATIONALITY	INSIDE												OUTSIDE							Total Number Killed Inside and Outside
	Falls of Roof and Coal	Mine Cars	Explosion of Gas and Dust	Explosion of Powder, Dynamite and Shots	Electricity	Motors	Shaft and Cage Accidents	Mining Machines	Animals	Pumps	Mine Fire	Inside Total	Mine Cars	Electricity	Machinery	Motors	Railroad Cars	Incline	Outside Total	
American	75	15	59	....	6	8	...	...	...	1	5	169	11	1	2	...	3	2	19	188
Austrian	7	5	....	....	...	...	...	...	...	...	...	12	...	...	...	1	...	...	1	13
Bohemian	....	....	....	....	...	...	...	...	...	...	...	....	...	...	...	...	...	...	...	....
Bulgarian	1	....	....	....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Croatian	2	....	....	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
English	10	....	7	....	...	...	...	...	...	...	...	17	...	...	...	...	...	...	...	17
French	....	....	....	....	...	...	...	...	...	...	...	....	...	...	...	...	...	...	...	....
German	3	....	3	....	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	6
Granish	1	....	....	....	1	..	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Greek	2	....	....	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Horwat	....	....	....	....	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1
Hungarian	13	3	3	2	1	...	...	...	...	...	...	22	1	...	...	...	...	...	1	23
Irish	1	....	1	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Italian	41	8	22	3	...	3	...	...	...	...	...	77	1	1	1	...	3	1	7	84
Lithuanian	1	1	12	....	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...	14
Litvitch	....	1	2	....	...	...	...	1	...	...	...	4	...	...	...	...	...	...	...	4
Montenegrin	....	1	1	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Negro	13	20	39	2	2	3	...	2	...	...	...	81	5	1	...	...	...	...	6	87
Polish	16	2	22	....	2	...	...	...	1	...	...	43	...	...	...	...	1	...	1	44
Roumanian	4	....	....	....	...	...	...	...	...	...	...	4	...	...	...	...	1	...	1	5
Russian	5	6	9	....	1	...	...	1	...	...	...	22	...	...	...	...	...	...	...	22
Scotch	1	....	....	....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	4
Servian	1	....	1	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Slavish	13	1	....	....	...	1	...	...	1	...	...	16	...	...	...	...	...	...	...	16
Spanish	....	....	....	....	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Unknown	....	....	2	....	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
Totals	210	63	183	7	13	16	1	4	2	1	5	505	18	3	3	1	8	3	36	541

TABLE SHOWING THE NATIONALITIES OF PERSONS KILLED AND CAUSES OF FATAL ACCIDENTS AT THE MINES FOR THE YEARS 1914 AND 1915.

1915

CAUSES

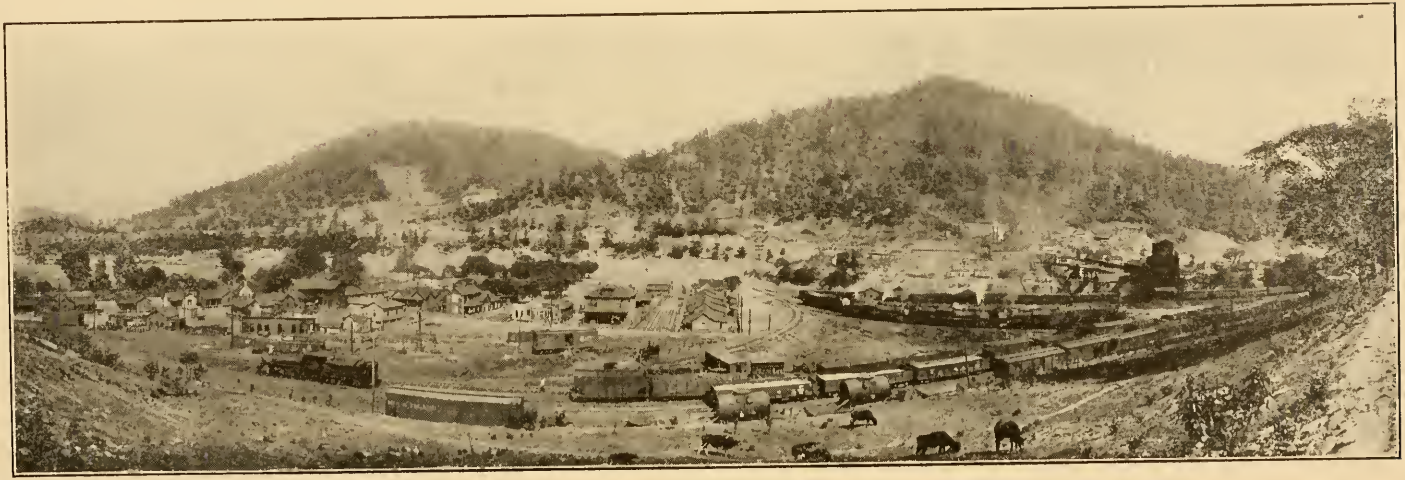
	INSIDE									OUTSIDE								
	Fall of Slate and Roofs	Mine Cars	Locomotives	Electricity	Mining Machines	Explosives	Disasterous Explosions	Miscellaneous	Total Inside	Mine Cars	Locomotives	Electricity	Explosions	Railroad Cars	Monitor	Miscellaneous	Total Outside	Grand Total
Americans	57	22	6	6	1	3	42	1	138	7	2	2	....	2	....	2	15	153
Austrians	4	2	1	1	....	....	19	....	27	....	....	....	....	1	....	....	1	28
Bohemian	....	....	....	....	....	....	2	....	2	....	....	....	....	....	....	....	....	2
Bulgarian	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1
English	4	3	....	....	....	1	1	....	9	....	....	....	....	....	....	....	....	9
Galacian	1	....	....	....	....	....	....	....	1	....	...	....	....	....	....	....	....	1
German	1	....	....	....	....	....	2	....	3	....	....	....	....	....	....	....	....	3
Granish	....	....	....	....	....	....	3	....	3	....	....	....	....	....	....	....	....	3
Greek	4	1	....	2	....	....	....	....	7	....	....	....	....	....	....	....	....	7
Horwat	3	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	3
Hungarian	11	....	2	3	....	....	1	....	17	....	....	....	....	....	....	1	1	18
Irish	1	1	....	1	....	....	....	....	3	....	....	....	....	....	....	....	....	3
Italian	33	12	....	3	1	2	21	1	73	1	....	....	....	1	....	1	3	76
Lithuanian	2	....	1	1	....	....	1	....	5	....	....	....	....	....	....	....	....	5
Litvich	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1
Montenegrin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1
Negro	21	8	2	2	....	1	1	....	35	3	1	2	1	....	1	1	9	44
Polish	17	2	....	2	....	....	7	....	28	1	....	....	....	....	....	....	1	29
Roumanian	2	1	....	....	....	1	....	....	4	....	....	....	....	....	....	....	....	4
Russian	11	2	....	2	....	....	22	....	37	....	....	....	....	....	....	....	....	37
Scotch	1	1	....	....	....	....	2	....	4	....	....	....	....	....	....	....	....	4
Servian	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	1
Slavish	4	2	....	....	....	....	6	....	12	....	....	....	....	....	....	....	....	12
Spanish	3	....	....	....	....	....	1	....	4	....	....	....	....	....	....	....	....	4
Syrian	....	....	....	....	....	....	2	....	2	....	....	....	....	....	....	....	....	2
Welsh	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	1
Unknown	....	....	....	....	....	....	3	....	3	....	....	....	....	....	....	....	....	3
Totals	181	58	12	24	2	8	137	2	424	12	3	4	1	4	1	6	31	455

NATIONALITIES OF PERSONS KILLED AND INJURED, YEAR ENDING JUNE 30, 1915.

NATIONALITY	Fatal	Non-Fatal	Total
American	153	682	835
Austrian	28	69	97
Bohemian	2	2	4
Bulgarian	1	....	1
Croatian	....	3	3
English	9	14	23
French	....	2	2
Galacian	1	....	1
German	3	16	19
Granish	3	....	3
Greek	7	19	26
Horwat	3	5	8
Hungarian	18	83	101
Irish	3	2	5
Italian	76	238	314
Lithuanian	5	13	18
Litvich	1	8	9
Montenegrin	1	3	4
Negro	44	224	268
Polish	29	64	93
Portuguese	....	1	1
Roumanian	4	15	19
Russian	37	87	124
Scotch	4	2	6
Servian	1	4	5
Slavish	12	57	69
Spanish	4	6	10
Swedish	....	2	2
Syrian	2	2	4
Welsh	1	3	4
Unknown	3	2	5
Totals	455	1,628	2,083

AGES OF PERSONS KILLED AND INJURED DURING THE YEAR ENDING JUNE 30, 1915.

AGES	Fatal	Non-Fatal	Total
14 years or older	3	6	9
15 years or older	3	6	9
16 years or older	5	17	22
17 years or older	12	44	56
18 years or older	13	44	57
19 years or older	18	65	83
20 to 25 years inclusive	112	410	522
26 to 30 years inclusive	100	278	378
31 to 35 years inclusive	60	241	301
36 to 40 years inclusive	49	204	253
41 to 45 years inclusive	32	121	153
46 to 50 years inclusive	20	79	99
51 to 55 years inclusive	13	48	61
56 to 60 years inclusive	6	30	36
61 to 65 years inclusive	1	18	19
66 to 70 years inclusive	1	8	9
Unknown	7	9	16
Totals	455	1,628	2,083



Aracoma Coal Company

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA MINES 1901-1905 INCLUSIVE.

LENGTH OF EXPERIENCE	1901			1902			1903			1904			1905		
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals
3 months or less	18	30	48	19	25	44	26	44	70	15	28	43	26	34	60
Over 3 months and including 6 months	6	13	19	9	8	17	5	21	26	8	15	23	8	18	26
Over 6 months and including 12 months	13	20	33	13	30	43	21	31	52	15	25	40	11	26	37
2 years	6	13	19	9	26	40	15	15	30	14	33	47	28	31	59
3 years	4	6	10	6	12	18	4	14	18	8	14	22	25	19	44
4 years	4	7	11	8	10	18	8	8	16	6	9	15	12	10	22
5 years	2	9	11	6	10	16	12	15	27	9	13	22	12	14	26
6 years	3	10	13	2	6	8	3	3	6	3	6	9	9	9	18
7 years	2	2	4	1	6	7	2	5	7	3	3	6	4	2	6
8 years	4	5	9	3	4	7	6	4	10	1	5	6	2	7	9
9 years	......	3	3	1	4	5	2	1	3	1	2	3	2	......	2
10 years	6	1	7	7	20	27	5	9	14	2	4	6	14	9	23
Over 10 years and including 15 years	7	8	15	5	5	10	10	5	15	5	6	11	10	8	18
Over 15 years and including 20 years	3	8	11	2	5	7	5	4	9	3	12	15	6	8	14
Over 20 years and including 25 years	......	1	1	2	......	2	......	2	2	3	3	6	4	7	11
Over 25 years and including 30 years	1	2	3	1	1	2	......	2	2	2	......	2	2	2	4
Over 30 years and including 35 years	......	......	......	1	1	2	......	......	......	......	......	......	2	1	3
Over 35 years and including 40 years	1	......	1	......	5	5	......	1	1	1	......	1	......	......	......
Over 40 years and including 45 years	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Over 45 years and including 50 years	......	1	1	......	......	......	......	......	......	2	......	2	......	......	......
Several years	6	5	11	2	5	7	10	11	21	8	6	14	......	11	11
Many years	......	2	2	2	6	8	1	3	4	......	......	......	1	2	3
Always	3	3	6	......	2	2	1	3	4	4	2	6	......	1	1
Unknown	39	28	67	16	48	64	23	22	45	27	25	52	16	31	47
Totals	130	180	310	120	238	359	159	223	382	140	211	351	194	250	444

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA MINES 1906 TO 1910 INCLUSIVE.

LENGTH OF EXPERIENCE	1906			1907			1908			1909			1910		
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals
3 months or less	24	27	51	20	48	68	33	91	124	22	63	85	15	32	47
Over 3 months and including 6 months	9	20	29	16	22	38	54	45	99	14	43	57	14	23	37
Over 6 months and including 12 months	20	36	56	23	63	86	108	106	214	35	108	143	10	51	61
2 years	35	24	59	20	55	75	68	70	138	56	161	217	36	104	140
3 years	26	32	58	17	39	56	47	54	101	36	88	124	23	58	81
4 years	16	19	35	14	34	48	37	36	73	15	44	59	20	47	67
5 years	14	17	31	14	20	34	66	46	112	26	60	86	20	53	73
6 years	11	6	17	12	19	31	40	27	67	14	34	48	15	37	52
7 years	3	4	7	3	9	12	9	12	21	12	23	35	8	17	25
8 years	11	8	19	1	8	9	38	27	65	9	23	32	7	24	31
9 years	1	2	3	1	1	2	3	4	7	5	13	18	2	10	12
10 years	10	13	23	14	11	25	32	35	67	17	49	66	16	49	65
Over 10 years and including 15 years	11	8	19	7	17	24	19	40	59	27	54	81	22	60	82
Over 15 years and including 20 years	7	9	16	10	9	19	10	19	29	13	38	51	23	39	62
Over 20 years and including 25 years	2	4	6	4	6	10	1	8	9	6	15	21	4	18	22
Over 25 years and including 30 years	......	2	2	2	3	5	......	7	7	4	5	9	10	9	19
Over 30 years and including 35 years	1	......	1	......	2	2	......	4	4	......	......	......	1	1	2
Over 35 years and including 40 years	2	1	3	3	1	4	1	1	2	2	3	5	2	1	3
Over 40 years and including 45 years	......	1	1	......	......	......	......	......	......	......	2	2	......	......	......
Over 45 years and including 50 years	......	......	......	......	1	1	......	......	......	......	......	......	......	2	2
Several years	12	10	22	......	15	15	11	33	44	......	......	......	......	......	......
Many years	3	2	5	1	3	4	4	11	15	......	1	1	......	......	......
Always	......	2	2	......	......	......	......	......	......	......	......	......	......	......	......
Unknown	50	52	102	174	62	236	44	166	210	51	205	256	72	307	379
Totals	268	299	567	356	448	804	625	842	1,467	364	1,032	1,396	320	942	1,262

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED IN THE WEST VIRGINIA MINES 1911 TO 1915 INCLUSIVE.

LENGTH OF EXPERIENCE	1911			1912			1913			1914			1915			Grand Total
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	
3 months or less	18	53	71	23	43	66	14	33	47	9	61	70	12	128	140	1,034
Over 3 months including 6 months	2	......	2	9	34	43	8	13	21	14	32	46	22	65	87	570
Over 6 months and including 12 months	13	114	127	4	109	113	31	37	68	22	67	89	41	128	169	1,331
2 years	26	74	100	47	113	160	29	50	79	41	72	113	28	170	198	1,479
3 years	30	77	107	50	74	124	29	54	83	32	53	85	31	132	163	1,094
4 years	22	57	79	49	60	109	14	24	38	22	44	66	36	100	136	792
5 years	36	49	85	35	114	149	29	51	80	15	65	80	27	134	161	993
6 years	26	42	68	34	34	68	9	28	37	19	31	50	14	94	105	597
7 years	9	17	26	22	32	54	7	21	28	12	33	45	12	40	52	335
8 years	6	20	26	14	27	41	13	18	31	10	27	37	8	44	52	384
9 years	7	13	20	12	15	27	3	9	12	6	11	17	4	33	37	165
10 years	29	51	80	8	64	72	17	47	64	13	39	52	19	130	149	740
Over 10 years and including 15 years	13	52	65	77	50	127	21	58	79	22	60	82	22	136	158	845
Over 15 years and including 20 years	29	......	29	8	44	52	15	28	43	21	38	59	11	93	104	520
Over 20 years and including 25 years	......	33	33	11	11	22	8	10	18	5	16	21	6	36	42	226
Over 25 years and including 30 years	......	18	27	3	5	8	5	8	13	5	13	18	2	21	23	144
Over 30 years and including 35 years	......	11	11	2	2	4	4	2	6	2	5	7	2	9	11	53
Over 35 years and including 40 years	4	8	12	1	3	4	......	3	3	1	1	2	......	2	2	48
Over 40 years and including 45 years	......	......	......	......	1	1	......	1	1	......	1	1	......	2	2	8
Over 45 years and including 50 years	......	......	......	......	......	......	1	......	1	......	1	1	2	......	2	10
Several years	10	......	10	......	......	......	......	......	......	15	31	46	25	71	96	297
Many years	10	......	10	......	......	......	......	......	......	9	8	17	6	13	19	88
Always	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	27
Unknown	33	130	163	......	5	5	51	173	224	246	161	407	105	47	152	2,409
Totals	332	819	1,151	409	840	1,249	308	668	976	541	870	1,411	455	1,628	2,083	14,212

TABLE SHOWING THE CAUSES OF FATAL AND NON-FATAL ACCIDENTS AND THE NUMBER AND PERCENTAGES BY EACH CAUSE FOR THE YEAR ENDING JUNE 30, 1915.

CAUSES	Fatal	Non-Fatal	Total	Per centage
Fall of Roof and Coal	181	714	895	43.02
Mine Cars (Inside)	58	435	493	23.14
Mine Cars (Outside)	12	34	46	2.21
Locomotives (Inside)	12	53	65	3.12
Locomotive (Outside)	3	3	6	.28
Electricity (Inside)	24	3	27	1.29
Electricity (Outside)	4	....	4	.19
Mining Machines	2	60	62	2.97
Explosion of Dust and Gas	137	7	144	6.91
Explosives (Inside)	8	87	95	4.56
Explosives (Outside)	1	....	1	.05
Railroad Cars	4	15	19	.91
Tipple	....	9	9	.43
Monitor	1	2	3	.15
Miscellaneous (Inside)	2	129	131	6.78
Miscellaneous (Outside)	6	77	83	3.99
Totals	455	1,628	2,083	100.00

TABLE SHOWING THE NUMBER OF FATAL AND NON-FATAL ACCIDENTS, INSIDE AND OUTSIDE, AND NUMBER OF PERSONS KILLED AND INJURED, 1915.

FATAL ACCIDENTS

	Number of Accidents	Number of Persons Killed
Inside	418	424
Outside	31	31
Totals	449	455

NON-FATAL ACCIDENTS

	Number of Accidents	Number of Persons Injured
Inside	1,456	1,473
Outside	155	155
Totals	1,611	1,628

LIST OF ACCIDENTS IN WHICH MORE THAN ONE PERSON WAS KILLED—1915.

COUNTY	NAME OF MINE	NAME OF COMPANY	Date of Accident	Number of Persons Killed	CAUSE
Fayette	Layland	N. R. & Poca. Cons. C. Co.	Feb.2, 1915	113	Dust Explosion
Fayette	Carlysle	White Oak Fuel Co.	Feb. 6, 1915	22	Gas Explosion
Kanawha	Black Tulip	Cabin Creek Cons. C. Co.	Oct. 15, 1914	2	Fall of Slate
Marion	No. 9	Jamison Coal Co.	May 29, 1915	2	Fall of Slate
McDowell	No. 1	Davy Pocahontas Coal Co.	April 17, 1915	3	Fall of Slate
Mercer	Spring	Solvay Collieries Co.	Sept. 29, 1914	2	Fall of Slate
Totals				144	

FATAL AND NON-FATAL ACCIDENTS TABULATED ACCORDING TO DISTRICTS IN WHICH THEY OCCURRED, 1915.

DISTRICT	Fatal	Non-Fatal	Totals
First	40	200	240
Second	11	64	75
Third	13	79	92
Fourth	11	44	55
Fifth	17	138	155
Sixth	23	107	130
Seventh	20	129	149
Eighth	135	155	290
Ninth	58	171	229
Tenth	37	242	279
Eleventh	36	185	221
Twelfth	54	114	168
Totals	455	1,628	2,0 8

TABLE SHOWING THE NUMBER OF PERSONS EMPLOYED IN AND AROUND THE MINES AND OVENS BY YEARS, FROM 1900 TO THE FISCAL YEAR ENDING JUNE 30, 1915.

1900	28,017
1901	32,386
1902	35,147
1903	39,452
1904	45,492
1905	49,950
1906	51,769
1907	56,265
1908	60,397
1909	62,189
1910	68,135
1911	70,644
1912	69,611
1913	70,321
1914	78,041
1915	81,328

FATAL, NON-FATAL AND MINOR ACCIDENTS BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1916.

COUNTY	FATAL			NON-FATAL			MINOR			Grand Totals
	In	Out	Total	In	Out	Total	In	Out	Total	
Barbour	1		1	24	4	28	38	2	40	69
Boone	4		4	3	1	4	2		2	10
Braxton										
Brooke	3	1	4	10	3	13	7	4	11	28
Clay	3		3	3	1	4	2		2	9
Fayette	183	5	188	322	23	345	444	60	504	1,037
Gilmer	1		1							1
Grant				2		2	1		1	3
Greenbrier										
Harrison	10	1	11	57	7	64	70	11	81	156
Kanawha	16	4	20	126	15	141	102	27	129	290
Lewis										
Lincoln										
Logan	16	3	19	69	8	77	65	10	75	171
Marion	27	1	28	164	15	179	65	13	78	285
Marshall	4		4	3		3	6		6	13
Mason				5		5				5
McDowell	75	5	80	317	28	345	154	33	187	612
Mercer	10	3	13	69	12	81	39	13	52	146
Mineral	2		2	3		3				5
Mingo	24	4	28	30	8	38	7	3	10	76
Monongalia	3		3	7	5	12	5		5	20
Nicholas	2		2	5		5	3		3	10
Ohio	4		4	5		5	3		3	12
Preston	5		5	20	4	24	29	3	32	61
Putnam	2	1	3	10	1	11	6		6	20
Raleigh	18	1	19	166	16	182	222	33	255	456
Randolph	1		1	7		7	26		26	34
Taylor	3		3	26	1	27	15	2	17	47
Tucker	6	2	8	18	2	20	13	3	16	44
Upshur	1		1							1
Wayne				1		1				1
Wyoming				2		2				2
Totals	424	31	455	1,474	154	1,628	1,324	217	1,541	3,624

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
BARBOUR COUNTY						
Boat Run Coal Co	Boat Run No. 1	8,200				
Century Coal Co., The	No. 1	300,460				
Century Coal Co., The	No. 2	110,472				
Consolidation Coal Co., The	No. 37	208,824	1		1	208,824
Davis Coal & Coke Co	Dartmoor No. 4	144,204				
Davis Colliery Co	Junior No. 4	15,598				
Gage Coal & Coke Co	Sara	20,566				
Grafton Fuel Co	Lillian	46,306				
Humphreys Coal Co	Humphreys	44,958				
Luella Coal & Coke Co	Luella	32,770				
Sandridge Coal Co., Lee J	Meriden Nos. 1-2	29,870				
Totals		962,228	1		1	962,228
BOONE COUNTY						
Anchor Coal Co	Anchor	125,707	1		1	125,707
Big Eagle Mining Co	Big Eagle	5,507				
Coal River Co	Coal River	77,341				
Hickory Ash Coal Co	Hickory Ash	50,430				
Horse Creek Block Coal Co	Opal No. 1	26,183				
Peytona Block Coal Co	Peytona Block	35,445				
Seng Creek Coal Co	Seng Creek	87,172	1		1	87,172
Spruce River Coal Co., The	Ramage No. 2	67,810	1		1	67,810
Webb Coal Mining Company	Ferndale	100,240	1		1	100,240
Totals		575,835	4		4	143,959
BRAXTON COUNTY						
Copen Creek Coal Co	Vanwith	50,000				
Davis Colliery Co	Bower Nos. 3, 7 & 10	179,252				
Davis Colliery Co	Copen No. 11	64,954				
Totals		294,206				
BROOKE COUNTY						
Clifton Coal Co	Clifton No. 1	93,256	1		1	93.256
LaBelle Iron Works	LaBelle Shaft	115,839				
Richland Block Coal Co	Beech Bottom	169,489	1	1	2	84,744
West Virginia-Pittsburgh Coal Co	LaBelle No. 4	95,742	1		1	95,742
West Virginia-Pittsburgh Coal Co	Gilchrist No. 3	47,599				
West Virginia-Pittsburgh Coal Co	Locust Grove No. 1	205,401				
Totals		727,326	3	1	4	181,832
CLAY COUNTY						
Elk River Coal & Lumber Co	Rich Run	435,912	3		3	145,304
Elliott Splint Coal Co	York No. 1	67,179				
Queen Shoals Coal Co	Burnzwell	28,554				
Totals		531,645	3		3	177,215
FAYETTE COUNTY						
Aileen Coal Co	Aileen	27,684				
Ajax Coal Co	Ajax	15,764				
Babcock Coal & Coke Co	Nos. 3-4	59,286				
Ballinger Coal Co	No. 1	51,755				
Beechwood Coal & Coke Co	Nos. 1-2	66,206				
Beury Bros. Coal & Coke Co	Echo	56,255				
Big Bend Coal Co	Big Bend	22,430				
Blume Coal & Coke Co	Blume	65,430				
Blume Estate, G. M	Fayette	9,000				
Boomer Coal & Coke Co	No. 2 North	256,972	1		1	256,972
Boomer Coal & Coke Co	No. 2 South	151,183	1		1	151,183
Boomer Coal & Coke Co	No. 4	126,219	1		1	126,219

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS			Tons of Coal Produced Per Fatal Accident
			Inside	Outside	Total	
FAYETTE COUNTY—Cont.						
Boomer Coal & Coke Co	No. 5	99,687				
Branch Coal & Coke Co	Elverton	37,434				
Brown Coal Co	Brown	67,080		1	1	67,080
Cannelton Coal & Coke Co	No. 2	291,863	1		1	291,863
Cannelton Coal & Coke Co	No. 3	21,920				
Cannelton Coal & Coke Co	No. 4	94,980				
Christian Colliery Co	Christian No. 1	55,100				
Christian Colliery Co	Powellton	14,300				
Collins Colliery Co	Collins	81,596	1		1	81,596
Columbus Iron & Steel Co	No. 1	118,596				
Deitz Colliery Co	No. 2 Gas	20,410				
Dun Glen Coal Co	Dun Glen	6.150				
Dunn Loop Coal & Coke Co	Dunn Loop	201,603		1	1	201,603
Elmo Mining Co	Elmo	26,089				
Ephraim's Creek Coal & Coke Co	Buffalo & Slater	131,323	1		1	131,323
Eureka Coal Co	Eureka No. 2	15,848				
Evans & Son	Great Kanawha Col. Co.	10,203				
Export Coal Co	Export	29,410				
Fire Creek Coal & Coke Co	Buffalo	36,858	1		1	36,858
Fort Defiance Coal & Coke Co	Fort Defiance	43,721	1		1	43,721
Gauley Mountain Coal Co	Buck Run	36,409				
Gauley Mountain Coal Co	Scotia & Turkey Knob	108,165				
Gaymont Coal Co	Gaymont	1,400				
Glendale Colliery Co	Buck Lick	5,150				
Greenwood Coal Co	Greenwood	71,337	2		2	35,669
Harvey Coal & Coke Co	Harvey	169,912				
Hemlock Hollow Coal & Coke Co	Hemlock	48,659				
Hindson Coal Co	Dunn Glenn	650				
Holliday Coal Co	Keeney's Creek	No Report	1		1	
Johnson Coal Co., W. R	Oakland	39,940				
Keeney's Creek Colliery Co	Boone	44,983				
Keeney's Creek Colliery Co	Smokeless	59,800				
Laura Mining Co	Laura	22,415				
Laurel Creek Coal Co	Laurel	40,758				
Long Branch Coal Co	No. 2	122,560				
Lookout Coal & Coke Co	Lookout	36,239	1		1	36.239
Loup Creek Colliery Co	Loup Creek No. 2	217,900	5		5	43,580
Low Moor Iron Co. of Virginia	Kay Moor No. 1	59,245				
Low Moor Iron Co. of Virginia	Kay Moor No. 2	19,144				
Lynchburg Colliery Co	No. 2 gas	28,070	1		1	28,070
Macdonald Colliery Co	Macdonald	54,356				
M. B. Coal & Coke Co	Columbia No. 5	28,646				
M. B. Coal & Coke Co	Elkridge No. 1	62,771				
M. B. Coal & Coke Co	Elkridge No. 2	79,142				
M. B. Coal & Coke Co	Kimberly No. 3	28,892				
McKell Coal & Coke Co	Derryhale	45,006				
McKell Coal & Coke Co	Kilsyth	120,912	1		1	120,912
Meadow Fork Coal Co	Meadow Fork	24,320				
Michigan Coal Co	Michigan	20,599				
Midvale Colliery Co	Midvale	52,701		1	1	52,701
Milburn Coal Co	No. 1	150,295				
Mill Creek Colliery Co	Mill Creek	17,883				
Mt. Carbon Company, Ltd., The	Vulcan	54,865				
Mt. Hope Coal & Coke Co	Baby	53,352				
Newlyn Coal Co	Newlyn	22.624				
New River Collieries Co	Sun Nos. 1-2	335,960	2		2	167,980
New River & Poca. Cons. Coal Co.	Layland Nos. 1-2-3	248,202	113	1	114	2,177
New River & Poca. Cons. Coal Co.	Minden No. 2	118,028	3		3	39,343
New River & Poca. Cons. Coal Co.	Minden No. 3	131,391	1		1	131,391
New River & Poca. Cons. Coal Co.	Minden No. 4	164,888				
New River & Poca. Cons. Coal Co.	Minden No. 5	127,800				
New River & Poca. Cons. Coal Co.	Wierwood	19,383				
Nichol Colliery Co	Nichol	48,968	1		1	48,968
Nuttallburg Smokeless Fuel Co.	Nuttallburg	51,362				

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
FAYETTE COUNTY—Cont.						
Prudence Coal Co	Prudence, Lyman Nos. 1-2-3, Jones Nos. 2-3	120,436	3		3	40,145
Quinnimont Coal Co	Big "Q"	32,800				
Ridgeview Coal Co	Ridgeview	5.701				
River Valley Colliery Co	Bachman	21.347				
Rock Lick Coal Co	Concho No. 1, Erskine No. 2	104,458				
Rothwell Coal Co	Dubree	31,521				
Scotia Coal & Coke Co	Brooklyn	54.615				
Scotia Coal & Coke Co	Red Ash	25,584				
Scotia Coal & Coke Co	Rush Run & Once More	52.110				
Sewell Colliery Co	Sugar Camp	42,607				
Signal Knob Coal Co	Signal Knob	14,466				
Solvay Collieries Co	Kingston Nos. 1-2-3-4-5	382,694		1	1	382,694
Solvay Collieries Co	No. 1	No Report	1		1	
Solvay Collieries Co	Eagle No.1, Powellton No. 1	62,692	1		1	62,692
South Side Co	South Side	69.735				
Star Coal & Coke Co	Star	127,869	2		2	63,935
St. Clair Colliery Co	St. Clair & Archer	89,023				
Stone Cliff Coal & Coke Co	Stone Cliff	37,198	1		1	37,198
Stuart Colliery Co	Lochgelly	90,318	1		1	90,318
Stuart Colliery Co	Summerlee	84,400	3		3	28,133
Sugar Creek Coal & Coke Co	Sugar Creek Nos. 1-2	64,678	1		1	64,678
Sunday Creek Coal Co	No. 111	74,057				
Sunday Creek Coal Co	No 112	150,824	2		2	75,412
Sunday Creek Coal Co	No. 114	138,576				
Sunday Creek Coal Co	No. 116	3,499				
Turkey Knob Coal Co	Turkey Knob	127,942	1		1	127.942
White Oak Fuel Co	Carlisle	138,819	22		22	6,310
White Oak Fuel Co	Whipple	77,948	3		3	25,983
White Oak Fuel Co	Wingrove & Scarbro	138,518	3		3	46,173
Willis Branch Coal Co	Willis Branch	10,000				
Totals		7,881,872	183	5	188	41,925
GILMER COUNTY						
Gilmer Fuel Co	Gilmer	90,354				
Katherine Coal Co	Katherine	650				
McCaa Coal Co	McCaa	46,967	1		1	46,967
Totals		137,971	1		1	137,971
GRANT COUNTY						
Buffalo Creek Cumberland Coal Co.	Buffalo Creek No. 1	39,547				
Davis Coal & Coke Co	Henry No. 22	120,647				
Jordan, S. H	Cottage Street	4,927				
Totals		165,121				
GREENBRIER COUNTY						
Elk Lick Coal Co	Spruce Knob	24,128				
Totals		24,128				
HARRISON COUNTY						
Antler Coal Co	Katherine	40,078				
Blue Ridge Coal Co	Thompson	6,278				
Blue Ridge C. Co., D. Howard, Rec.	Thompson	8,894				
Byron Coal Co	Althea	66,855				
Calif Coal Co	Calif	65,452				
Central Fairmont Coal Co	Snake Hill	88,692				
Clarksburg Coal Mining Co	Florida	5,812				
Consolidation Coal Co., The	No. 21	165,947				
Consolidation Coal Co., The	No. 23	9,319				

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS Inside	FATAL ACCIDENTS Outside	FATAL ACCIDENTS Total	Tons of Coal Produced Per Fatal Accident
HARRISON COUNTY—Cont.						
Consolidation Coal Co., The	No. 25	204,284				
Consolidation Coal Co., The	No. 27	53,567				
Consolidation Coal Co., The	No. 29	96,000		1	1	96,000
Consolidation Coal Co., The	No. 32	276,211	1		1	276,211
Consolidation Coal Co., The	No. 33	10,882				
Consolidation Coal Co., The	No. 35	16,451				
Consolidation Coal Co., The	No. 39	40,359				
Consolidation Coal Co., The	No. 40	167,650				
Consolidation Coal Co., The	No. 42	27,354				
Consolidation Coal Co., The	No. 44	11,452				
Consolidation Coal Co., The	No. 48	61,761				
Consolidation Coal Co., The	No. 49	No Report	1		1	
Consolidation Coal Co., The	No. 50	25,761				
Consolidation Coal Co., The	No. 51	134,099				
Consolidation Coal Co., The	No. 52	29,012				
Consolidation Coal Co., The	No. 54	60,298				
Consolidation Coal Co., The	No. 55	58,900				
Consolidation Coal Co., The	No. 58	14,217				
Consolidation Coal Co., The	No. 60	7,533				
Consolidation Coal Co., The,	No. 62	40,105	2		2	20,053
Consolidation Coal Co., The	No. 64	15,953				
Consolidation Coal Co., The	No. 65	20,508				
Consolidation Coal Co., The	No. 66	78,456				
Corona Coal & Coke Co	Harold	63,657				
Fairmont & Clarksburg Coal Co	Phoenix	10,080				
Fairmont & Baltimore C. & C. Co.	Fairmore	64,797				
Fayette Coal Co	Fayette	No Report	1		1	
Francois Coal & Coke Co	Norwood	64,168				
Harry B. Coal & Coke Co	Pitcairn	170,864				
Haywood Coal Mining Co	Monroe	52,367				
Hutchinson Coal Co	Delta	57,569				
Hutchinson Coal Co	Erie Nos. 1 and 2	194,534				
Hutchinson Coal Co	Florence	95,873				
Hutchinson Coal Co	Girard Nos. 1-2	98,927				
Hutchinson Coal Co	Hutchinson Nos. 2-3	259,594	1		1	259,594
Hutchinson Coal Co	McCandlish	223,567	1		1	223,567
Hutchinson Coal Co	York	24,186				
Hygrade Coal Co	Page	6,189				
Johnson-McIntyre Coal Co	Gilbert	12,832				
Klinefelter & Co., J. S	Page	19,000				
Lambert's Run Coal Co	Clauson	86,013				
Long Coal Co., J. E	Burke	10,454				
Maderia-Hill-Clark Coal Co	Goff	68,793				
Maderia-Hill-Clark Coal Co	Randolph	119,610				
Maderia-Hill-Clark Coal Co	Waldo	72,930				
Marion Gas Coal Co	Bingamon	41,368				
Marshall Coal Co	Marshall	118,979				
Monongah Fuel Co	Gallihue	30,108				
National Coal Co	National	5,198				
Orr Coal Mining Co	Miller No. 1	49,283				
Orr Coal Mining Co	Miller No. 2	49,283				
Orr-Shields Coal Co	Phoenix	16,246	1		1	16,246
Overholt Coal Co	Overholt	26,615				
Righter Coal & Coke Co	Righter	104,301	1		1	104,301
Rosebud Fuel Co	Rosebud No. 1	19,883				
Rosebud Fuel Co	Rosebud No. 2	55,040				
Taylor Collieries Co	Taylor No. 1	61,849	1		1	61,849
Templeton Coal Co	Fowler No. 2	34,661				
Vincent Coal Co	Grasselli	32,423				
Virginia-Maryland Coal Corporation	Willard Nos. 1-2-3	169,428				
Winchester Coal Co	Winchester	34,193				
Totals		4,533,032	10	1	11	412,094

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS			Tons of Coal Produced Per Fatal Accident
			Inside	Outside	Total	
KANAWHA COUNTY						
Belmont Coal Co	Belmont	72,120				
Black Band Fuel Co	Black Band No. 1	60,832				
Black Band Fuel Co	Black Band No. 2	39,561				
Blue Creek Coal & Land Co	Blakeley No. 2	35,361				
Blue Creek Coal & Land Co	Blakeley No. 3	38,701				
Blue Creek Coal & Land Co	Blakeley No. 5	7,240				
Cabin Creek Consolidated Coal Co	Acme	26,366				
Cabin Creek Consolidated Coal Co	Belleclare	57,964				
Cabin Creek Consolidated Coal Co	Black Tulip	68,202	2		2	34,101
Cabin Creek Consolidated Coal Co	Buckeye	58,027				
Cabin Creek Consolidated Coal Co	Caledonia	14,489				
Cabin Creek Consolidated Coal Co	Cherokee	69,659		1	1	69,659
Cabin Creek Consolidated Coal Co	Davis	46,763				
Cabin Creek Consolidated Coal Co	Empire	38,381				
Cabin Creek Consolidated Coal Co	Holly	34,371				
Cabin Creek Consolidated Coal Co	Kayford	85,506				
Cabin Creek Consolidated Coal Co	Keystone	21,217				
Cabin Creek Consolidated Coal Co	Raccoon No. 2 East	70,215		1	1	70,215
Cabin Creek Consolidated Coal Co	Raccoon No. 2 West	67,181				
Cabin Creek Consolidated Coal Co	Raccoon No. 1	93,244				
Cabin Creek Consolidated Coal Co	Red Warrior	28,210				
Cabin Creek Consolidated Coal Co	Quarrier	53,805	1		1	53,805
Cabin Creek Consolidated Coal Co	Rose	70,787				
Cabin Creek Consolidated Coal Co	Ruby	67,154				
Cabin Creek Consolidated Coal Co	Shamrock	156402				
Cabin Creek Consolidated Coal Co	Thistle	49,561		1	1	49,561
Cabin Creek Consolidated Coal Co	United Gas	107,441	2		2	53,721
Cabin Creek Consolidated Coal Co	United Splint	75,653	1		1	75,653
Campbell's Creek Coal Co., The	No. 1	245,974	1		1	245,974
Campbell's Creek Coal Co., The	No. 3	95,828	1		1	95,828
Cannelton Coal & Coke Co	No. 1	240,835				
Chesapeake Mining Co	Nos. 1-2	59,987	1		1	59,987
Chesapeake Mining Co	No. 3	No Report	1		1	
Carbon Coal Co	Eagle	30,580				
Carbon Coal Co	South Carbon	42,535				
Carbon Coal Co	Splint	65,560				
Coalburg Colliery Co	Ronda	88,522				
Coalburg-Kanawha Coal Co	"A"	35,848				
Coal burg-Kanawha Coal Co	"B"	60,833				
Dry Branch Coal Co	Dry Branch	74,100				
East Bank Mining Co	East Bank	8,850				
Eureka Coal Co	No. 1	28,628				
Eureka Coal Co	No. 6	23,185				
Hackett Coal Co	No. 1	5,900				
Imperial Colliery Co	No. 1	76,100	1		1	76,100
Imperial Colliery Co	No. 3	56,000				
Imperial Colliery Co	No. 4	17,350				
Kanawha River Coal Co	No. 2 Gas	2,877				
Kelley's Creek Colliery Co	No. 1	93,940				
Kelley's Creek Colliery Co	Nos. 3 and 3½	129,841				
Lewis Coal & Coke Co	Lewis	23,323				
Lewiston Block Coal Co	Lewiston Block	3,675				
Marmet Coal Co	Black Band	55,235				
Marmet Coal Co	Monarch	34,928				
Marmet Coal Co	New Butler	35,091				
Mill Creek Cannel Mining Co	Villa	6,100				
Montgomery Coal Co	Kanawha	15,167				
Morris Fork Coal Co	Turner No. 2	57,666				
National Bituminous C. & C. Co	No. 1	33,455				
National Bituminous C. & C. Co	No. 2	92,547	1		1	92,547
Paint Creek Collieries Co	Banner	18,317				
Paint Creek Collieries Co	Grose	48,550				
Paint Creek Collieries Co	Paint Creek	108,008	1		1	108,008
Paint Creek Collieries Co	Reynolds	48,908				
Paint Creek Collieries Co	Scranton	58,178				

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS			Tons of Coal Produced Per Fatal Accident
			Inside	Outside	Total	
KANAWHA COUNTY—Cont.						
Paint Creek Collieries Co	Wacomah	33,254				
Pen Mar Mining Co	Pen Mar	2,493				
Quincy Coal Co	No. 1	5,336				
Quincy Coal Co	No. 2	43,359				
Republic Coal Co	No. 1	36,040				
Republic Coal Co	No. 2	46,320				
Republic Coal Co	No. 3	47,740				
Republic Coal Co	No. 5	18,717				
Southwestern Splint Fuel Co	Black Cat	55,267				
Standard-Kanawha Coal Mining Co	Acme No. 2	12,061				
Standard-Kanawha Coal Mining Co	Coal Ridge No. 1	72,161				
Standard Splint & Gas Coal Co	Standard	71,612				
Sunday Creek Co	No. 101	23,047	1		1	23,047
Sunday Creek Co	No. 104	34,055				
Sunday Creek Co	No. 105	107,337				
Sunday Creek Co	No 108	62,824				
Virginia Coal Co	Virginia	27,250				
Wake Forest Mining Co	Wake Forest	98,500				
West Virginia Colliery Co	No. 1	75,490				
West Virginia Colliery Co	No. 3	137.780				
West Virginia Colliery Co	No. 4	66,500	1		1	66,500
Winifrede Coal Co	North, South and West	128,199	1		1	128,199
Wyatt Coal Co	Berlin	60,860				
Wyatt Coal Co	Horton	100,910		1	1	100,910
Wyatt Coal Co	Oakley	38,640				
Totals		5,142,586	16	4	20	257,129
LEWIS COUNTY						
Burrows Coal Co	Polar	300				
Total		300				
LINCOLN COUNTY						
Branchland Coal Co	Branchland	30,901				
Guyan River Coal Co	Guyan River	11,065				
Totals		41,966				
LOGAN COUNTY						
Amherst Coal Co	Amherst Nos. 1-2	124,577				
Aracoma Coal Co	Aracoma Nos. 1-2	141,964				
Argyle Coal Co	Argyle	60,462	1	1	2	30,231
Avon Coal Co	Avon	90,430				
Bengal Coal Co	Bengal	22,417				
Black Hawk Colliery Co	Black Hawk	12,265				
Buffalo Eagle Colliery Co	Buffalo-Eagle	50,763				
Buffalo Eagle Colliery Co	No. 2	25,811				
Coal River Coal & Coke Co	Dobra	136,057	1		1	136,057
Coal Valley Mining Co	Sylvia	114,690				
Cora Coal & Coke Co	Cora	82,271				
Crown Coal & Coke Co	Crown	45,072				
Cub Fork Coal Co	Cub Fork	45,758				
Draper Coal & Coke Co	Draper	22,165				
Eagle Island Coal Co	Eagle Island	35,749				
Ethel Coal Co., The	Nos. 1-1½ and 2	196,774	2		2	98,387
Ft. Branch Coal Corporation	Ft. Branch	54,444				
Frieze Fork Coal Mining Co., The	Frieze Fork	31,152				
Gay Coal & Coke Co., The	Gay	133,137				
George's Creek Coal Co., Inc	George's Creek	64,295				
Guyandotte Coal Co	Guyandotte	34,985				
Huddleston Coal Co	Huddleston	60,000				
Island Creek Block Coal Co	Anthony	24,322				
Island Creek Colliery Co	Switzer	142,000	1		1	142,000
Johnson Coal Mining Co., E. R	Nos. 1-2	22,445				

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL 30TH, 1915, TOGETHER WITH THE AVERAGE TONS 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS Total Gross Tons Produced	Inside	Outside	Total	Tons of Coal Produced Per Fatal Accident
LOGAN COUNTY—Cont.						
Johns-Parsons Coal Co	Ida May	35,000				
Kohinoor Coal & Coke Co	Kohinoor	108,798				
Lincoln Coal Mining Corporation	Lincoln	5,060				
Litz-Smith Coal Company	Litz-Smith	10,506				
Logan Coal Co., The	Logan	109,198				
Logan Coal Co., The	Earling	121,275				
Logan Coal Co., The	Manitoba	83,887				
Logan Coal Co., The	Mona	62,231				
Logan Coal Co., The	Wanda	79,648				
Long Flame Coal Co	Long Flame	62,710				
Lorain Coal & Dock Co	Lorado	16,500				
Main Island Creek Coal Co	Nos. 2-3	50,014				
Main Island Creek Coal Co	No. 4	255,343		1	1	255,343
Main Island Creek Coal Co	Nos. 5-6	108,658				
Maher-Pursglove Mining Co	No. 5	13,460				
Manbor Coal Co	Manbor	22,185				
McGregor Coal Co	McGregor	167,967		1	1	167,967
Mifflin Coal Co	Nos. 1-2	66,955				
Monitor Coal & Coke Co	Monitor Nos. 1-3, Beechwood	322,118	1		1	322,118
Opperman Coal Co., The	Opperman	48,893				
Paragon Colliery Co	Paragon	86,680				
Rex Coal & Coke Co	Rex	112,370				
Rich Creek Coal Co	Wilburn	44,528				
Ruffner Coal Co	Ruffner	2,738				
Shamrock Coal Co	Litz-Smith	62,249				
Sovereign Coal Co	Sovereign	48,371				
Spruce Bend Coal Co	Sharples	49,470	1		1	49,470
Spruce Valley Coal Co	Spruce Valley	82,526	1		1	82,526
Stone Branch Coal Co	Stone Branch	61,762				
Summers Coal Co., H. B	Summers	37,000				
Sunbeam Coal Co	Sunbeam	29,681				
Thomas Coal Co., D. C	Grace	73,678				
United States Coal & Oil Co	Island Creek No. 1	380,974	1		1	380,974
United States Coal & Oil Co	Island Creek No. 2	182,556	2		2	91,278
United States Coal & Oil Co	Island Creek No. 3	178,937				
United States Coal & Oil Co	Island Creek No. 4	215,940				
United States Coal & Oil Co	Island Creek No. 6	177,947				
United States Coal & Oil Co	Island Creek No. 7	272,029				
United States Coal & Oil Co	Island Creek No. 8	255,084	1		1	255,084
United States Coal & Oil Co	Island Creek No. 10	128,329	1		1	128,329
United States Coal & Oil Co	Island Creek No. 11	27,577				
United States Coal & Oil Co	Island Creek No. 12	23,578				
Virginia-Buffalo Coal Co	Virginia-Buffalo	35,826	1		1	35,826
Wilson Coal Co., H. T	Wilson	94,952	1		1	94,952
Yuma Coal & Coke Co	Yuma	118,093	1		1	118,093
Totals		6,307,286	16	3	19	331,963
MARION COUNTY						
Buttermore Coal Co., J. J	Elizabeth	7,584				
Catawba Coal Co	Catawba	11,976				
Consolidation Coal Co., The	No. 22	399,656	2		2	199,828
Consolidation Coal Co., The	No. 24	86,454				
Consolidation Coal Co., The	No. 26	251,689	3		3	83,896
Consolidation Coal Co., The	No. 28	35,194				
Consolidation Coal Co., The	No. 36	147,280				
Consolidation Coal Co., The	No. 38	131,905	1		1	131,905
Consolidation Coal Co., The	No. 43	303,314	4		4	75,828
Consolidation Coal Co., The	No. 45	32,786				
Consolidation Coal Co., The	No. 47	234,615	3		3	78,205
Consolidation Coal Co., The	No. 53	61,543				
Consolidation Coal Co., The	No. 56	48,002				
Consolidation Coal Co., The	No. 59	32,472				
Consolidation Coal Co., The	No. 63	305,840	2		2	152,920

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS Inside	Outside	Total	Tons of Coal Produced Per Fatal Accident
MARION COUNTY—Cont.						
Consolidation Coal Co., The	No. 68	84,741				
Consolidation Coal Co., The	No. 82	1,050				
Consolidation Coal Co., The	No. 84	187,798				
Consolidation Coal Co., The	No. 85	2,224				
Dakota Coal & Coke Co	Dakota No. 2	194,240				
Fairmont & Cleveland Coal Co	Parker Run	117,718				
Federal Coal & Coke Co	Federal	761,754	1		1	761,754
Four States Coal & Coke Co	Annabelle	381,252	3		3	127,084
Harry B. Coal Co	Harry B. & Junior	85,754	1		1	85,754
Jamison Coal & Coke Co	No. 7	495,940	1		1	495,940
Jamison Coal & Coke Co	No. 8	476,285	1		1	476,285
Jamison Coal & Coke Co	No. 9	440,154	4	1	5	88,031
McCoy Coal Co	McCoy	1,375				
New Central Coal Co	Stafford	201,233				
Phillips Coal Co	Phillips	22,580				
Robinson Coal Co	James	5,935				
Virginia & Pittsburgh C. & C. Co	Kingmont	320,904	1		1	320,904
Virginia & Pittsburgh C. & C. Co	Morgan	117,632				
Totals		5,988,879	27	1	28	213,889
MARSHALL COUNTY						
Ben Franklin Coal Co. of W. Va	Panama	83,934	1		1	83,934
Glendale Coal Co	Glendale	128,288				
Hitchman Coal & Coke Co	Hitchman	498,021	3		3	166,007
Kuntz Bros. & Miller	Boggs Run	5,530				
Mound City Coal Co	Mound City	14,059				
Mound Coal Co	Mound	90,230				
Parr's Run Coal Co	Parr's Run	50,137				
Wheeling Steel & Iron Co	Benwood	92,974				
Totals		963,173	4		4	240,793
MASON COUNTY						
Hutchinson Coal Co	Linden	86,692				
Jackson Coal & Mining Co	Jackson	24,898				
Newton Company, J. M. & D. E	Sliding Hill	13,545				
Totals		125,135				
McDOWELL COUNTY						
Algoma Coal & Coke Co	Piney & Northfork	149,020	1		1	149,020
Arlington Coal & Coke Co	Arlington	119,403	1		1	119,403
Ashland Coal & Coke Co	Ashland & Graeber	212,695	2		2	106,348
Bell Coal & Mining Co	Vaughan	31,201				
Black Wolf Coal & Coke Co	Black Wolf	49,475	1		1	49,475
Bottom Creek Coal & Coke Co	No. 1	90,612	1		1	90,612
Bottom Creek Coal & Coke Co	No. 2	73,905				
Buchanan Coal Co	Buchanan	22,883				
Carter Coal Co	Caretta	189,219	1		1	189,219
Carter Coal Co	Nora	99,268	1		1	99,268
Carter Coal Co	Olga	43,313				
Carter Coal Co	No. 1 West	21,691	2		2	10,846
Carter Coal Co	No. 2 East	43,513				
Carter Coal Co	Six	273,693	3		3	91,231
Central Pocahontas Coal Co	Nos. 1-2	84,080	1		1	84,080
Cirrus Coal & Coke Co	Nos. 1-2	23,910				
Colonial Pocahontas Coal Co	Colonial	22,004				
Columbus Pocahontas Coal Co	Columbus-Pocahontas	3,162				
Crozer Coal & Coke Co	Nos. 1-2	295,032	1		1	295,032
Cumberland-Cannel Coal Co	Gem Pocahontas	18,000				
Davy Pocahontas Coal Co	Nos. 1-2	70,602	3		3	23,534
Dry Fork Colliery Co	Dry Fork	107,067				
Elkhorn Coal & Coke Co	Elkhorn	210,588	1		1	210,588
Elk Ridge Coal & Coke Co	Elk Ridge	102,708	1		1	102,708

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
McDOWELL COUNTY—Cont.						
Empire Coal & Coke Co	Empire	272,410	2		2	136,205
Eureka Coal & Coke Co	Eureka	145,263				
Evans Coal Co	Evans	14,150				
Excelsior Pocahontas Coal Co	Excelsior	124,544	1		1	124,544
Extra Pocahontas Coal Co	Extra Pocahontas	34,821				
Flanagan Coal Co	No. 1	20,371				
Flanagan Coal Co	No. 2	43,064				
Flat Top Coal Mining Co	Thomas	62,433				
Fortune Hunter Coal Co	Fortune Hunter	26,890				
Gilliam Coal & Coke Co	Gilliam	128,575				
Greenbrier Coal & Coke Co	Greenbrier	137,770				
Hemphill Colliery Co	Hemphill	18,402				
Henrietta Pocahontas Coal Co	Henrietta	17,610				
Houston Coal & Coke Co	Nos. 1-2	276,752				
Houston Collieries Co	Carswell	47,352	1		1	47,352
Houston Collieries Co	Hugar	140,812	1		1	140,812
Indian Ridge Coal & Coke Co	Indian Ridge	100,630				
J. B. B. Coal Co	Nos. 1-2-3-4-5-6	414,345	3		3	138,115
John's Branch Coal Co	No. 1	32,014	1		1	32,014
Keystone Coal & Coke Co	Nos. 1-2	292,675	2	1	3	97,558
Kimball Pocahontas Coal Co	Virginia	36,175	1		1	36,175
King Coal Co., The	King	279,526	3		3	93,175
Lake Superior Coal Co	No. 1	128,215				
Lake Superior Coal Co	No. 2	53,562				
Lathrop Coal Co	Lathrop	143,528	1		1	143,528
Lone Jack Coal Mining Co	Lone Jack	12,180				
Lynchburg Coal & Coke Co	Lynchburg	182,579	1		1	182,579
McDowell Coal & Coke Co	McDowell	236,763	1		1	236,763
Mohawk Coal & Coke Co	Mohawk	75,881				
New Pocahontas Coal Co	Pando	26,049				
New River & Poca. Cons. Coal Co.	Berwind No. 1	90,304				
New River & Poca. Cons. Coal Co.	Berwind No. 2	98,164	2		2	49,082
New River & Paca. Cons. Coal Co.	Berwind No. 3	105,063				
New River & Poca. Cons. Coal Co.	Berwind No. 4	85,255				
New River & Poca. Cons. Coal Co.	Berwind No. 5	98,727				
New River & Poca. Cons. Coal Co.	Havaco	70,527	2		2	35,264
Oregon Coal Co	Nos. 2-3-4	69,010				
Page Coal & Coke Co	Nos. 1-2-3	251,776	3		3	83,925
Panther Coal Co	Nos. 1-2	68,587				
Peerless Coal & Coke Co	Nos. 1-2	216,832		1	1	216,832
Pocahontas Cons. Collieries Co., Inc.	Angle	154,495	1		1	154,495
Pocahontas Cons. Collieries Co., Inc.	Cherokee	137,400				
Pocahontas Cons. Collieries Co., Inc.	Delta	142,870	3		3	47,623
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	168,000	2		2	84,000
Pocahontas Cons. Collieries Col, Inc.	Norfork	105,600		1	1	105,600
Pocahontas Cons. Collieries Co., Inc.	Pocahontas No. 6	184,630	1		1	184,630
Pocahontas Cons. Collieries Co., Inc.	Pocahontas No. 7	57,520	1		1	57,520
Pocahontas Cons. Collieries Co., Inc.	Pocahontas No. 8	108,610	1	1	2	54,305
Pocahontas Cons. Collieries Co., Inc.	Rolfe	228,110	2		2	114,055
Pocahontas Cons. Collieries Co., Inc.	Shamokin	183,220	1	1	2	91,610
Pocahontas Domestic Coal Co., The.	Scorpion	68,479				
Pocahontas Smokeless Coal Co	Slick Rock	32,986	1		1	32,986
Powhatan Coal & Coke Co	East & West	174,951				
Premier Pocahontas Collieries Co	Nos. 1-2-3-4	331,679	2		2	165,840
Pulaski Iron Co	Nos. 1-2-3	339,074	3		3	113,025
Roanoke Coal & Coke Co	Roanoke	105,736				
Shawnee Coal & Coke Co	Shawnee	109,186	1		1	109,186
Solvay Collieries Co	Big Sandy	102,876	1		1	102,876
Solvay Collieries Co	Marytown	165,738				
Standard Pocahontas Coal Co	Standard	108,586	1		1	108,586
Superior Pocahontas Coal Co	Blackstone	44,487	1		1	44,487
Superior Pocahontas Coal Co	Cletus	51,396	1		1	51,396
Superior Pocahontas Coal Co	Davy Crockett	51,608	1		1	51,608
Superior Pocahontas Coal Co	Helena	71,570				
Tidewater Coal & Coke Co	Tidewater	181,017	3		3	60,339

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of-Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
McDOWELL COUNTY—Cont.						
Turkey Gap Coal & Coke Co	Turkey Gap	140,196				
United States Coal & Coke Co	No. 2	210,000				
United States Coal & Coke Co	No. 3	66,193				
United States Coal & Coke Co	No. 4	156,096				
United States Coal & Coke Co	No. 5	130,879	1		1	130,879
United States Coal & Coke Co	No. 6	304,529				
United States Coal & Coke Co	No. 7	222,495				
United States Coal & Coke Co	No. 9	264,937				
United States Coal & Coke Co	No. 10	127,709				
United States Coal & Coke Co	No. 11	135,653				
Upland Coal & Coke Co	No. 1	213,924	1		1	213,924
Vaughan Construction Co	Vaughan	No Report	1		1	
War Creek Coal Co	No. 1	39,319				
Welch Coal Co	Welch	40,324				
West Virginia Pocahontas Coal Co.	Leckie Nos. 1-2	208,406				
Yukon Pocahontas Coal Co	Yukon Nos. 1-2	166,058				
Zenith Coal & Coke Co	Zenith	134,502				
Totals		13,007,674	75	5	80	162,596
MERCER COUNTY						
Algonquin Coal Co	Algonquin	8,274				
American Coal Co	Crane Creek	233,718				
American Coal Co	Piedmont	114,957				
American Coal Co	Pinnacle	218,087		1	1	218,087
Booth-Bowen Coal & Coke Co	Booth-Bowen	171,965				
Buckeye Coal & Coke Co	Buckeye	136,981	2		2	68,491
Crystal Coal & Coke Co	Crystal Nos. 1-2	172,858				
Ennis Coal Co	Hiawatha	121,124				
Godfrey Coal Co	Godfrey	28,491				
Louisville Coal & Coke Co	Louisville Nos. 1-2, Klondyke No. 3, Goodwill	126,132	1		1	126,132
Mill Creek Coal & Coke Co	Coaldale, Mill Creek, West Fork and Tug River	235,615	2	1	3	84,538
Modoc Coal & Mining Co	Modoc	17,570				
Patterson-Pocahontas Co., S. J	Arista Nos. 1-2	11,523				
Pawama Coal & Coke Co	Nos. 1-2	90,932	2		2	45,466
Pocahontas Cons. Collieries Co., Inc.	Hemlock, Elkhorn, Caswell Creek	223,190		1	1	223,190
Pocahontas Cons Collieries Co., Inc.	Sagamore Nos. 1-2	160,130				
Pocahontas Cons. Collieries Co., Inc.	West	52,000				
Smokeless Coal & Coke Co., The	Smokeless	42,258				
Solvay Collieries Co	Spring	132,818	2		2	66,409
Thomas Coal Co., The	No. 1	106,444				
Thomas Coal Co., The	No. 2	73,719	1		1	73,719
Turkey Gap Coal & Coke Co	Wenonah	96,839				
Weyanoke Coal & Coke Co	Weyanoke & Elihue	123,885				
Totals		2,717,510	10	3	13	209,039
MINERAL COUNTY						
Abram's Creek Coal & Coke Co	Oakmont No. 1	32,424				
Big Vein Coal Co. of W. Va., The	Bakerstown	21,992				
Carroll Cross Coal Co	Cross & Imperial	39,245				
Davis Coal & Coke Co	No. 6	42,907				
Davis Coal & Coke Co	No. 50	14,819				
Davis Coal & Coke Co	No. 51	32,008				
Davis Coal & Coke Co	No. 14	85,790				
Davis Coal & Coke Co	Montgomery Run No. 19	32,258	1		1	32,258
Davis Coal & Coke Co	No. 20	37,956	1		1	37,956
Glade Run Coal & Coke Co	Florence	6,167				
Gleason Coal & Coke Co	Gleason	93,442				
Grafton Mining Co	Blaine No. 2	25,148				

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
MINERAL COUNTY—Cont.						
Harris & Sons Coal Co., O. D	Harris No. 2	1,599	......	......	......	......
Masteller Coal Co., The	Hampshire Nos. 1-2-3	53,344	......	......	......	......
Masteller Coal Co., The	New Creek	37,251	......	......	......	......
Totals	......	556,350	2	......	2	278,175
MINGO COUNTY						
Buffalo Collieries Co	Buffalo	131,069	......	......	......	......
Crystal Block Coal & Coke Co	Winifrede & Coalburg	108,000	......	1	1	108,000
Glen Alum Coal Co	Nos 1-2-3	209,533	4	......	4	52,383
Glen Alum Coal Co	No. 4	122,168	......	......	......	......
Grey Eagle Coal Co	Grey Eagle	58,396	......	......	......	......
Howard Colliery Co	Frederick	66,035	......	......	......	......
Howard Colliery Co	Howard	87,087	......	......	......	......
Howard, Jr., Coal Co	Howard, Jr.	93,742	......	......	......	......
Magnolia Coal & Coke Co	Magnolia	48,881	3	1	4	12,220
Margaret Mining Co	Margaret	52,532	......	......	......	......
Mary Helen Coal Co	Mary Helen	104,920	1	......	1	104,920
Mingo Washed Coal Co	Mattie May	No Report	1	......	1	......
Naugatuck Coal Co., The	Naugatuck	85,903	......	......	......	......
Red Jacket Cons. Coal & Coke Co	Grapevine	78,276	......	......	......	......
Red Jacket Cons. Coal & Coke Co	Mitchell Branch and Rutherford	269,589	2	......	2	134,795
Red Jacket Cons. Coal & Coke Co	Red Jacket	30,323	......	......	......	......
Red Jacket, Jr. Coal Co	Red Jacket, Jr	214,293	2	......	2	107,147
Sternberger Coal Co., E. L	Sternberger	73,146	1	......	1	73,146
Stone Mountain Coal Corporation	Marvin	36,502	1	1	2	18,251
Superior Thacker Coal & Coke Co	Williamson No. 1	5,745	......	......	......	......
Sycamore Coal Co	Cinderella	159,473	3	1	4	39,868
Thacker Coal & Coke Co	Nos 3-8-9	116,005	2	......	2	58,003
Thacker Coal & Coke Co	No 10	2,244	......	......	......	......
Thacker Coal & Coke Co	Nos. 11-12-13-14	86,700	3	......	3	28,900
War Eagle Coal Co	Mephisto	65,502	......	......	......	......
War Eagle Coal Co	Pappoose	71,894	1	......	1	71,894
White Star Mining Co., The	Alma & White Star	67,757	......	......	......	......
Williamson Coal & Coke Co	Nos. 5-6-7	92,459	......	......	......	......
Totals	......	2,538,174	24	4	28	90,649
MONONGALIA COUNTY						
Antler Coal Co	Grant	37,534	......	......	......	......
Consolidation Coal Co., The	No. 30	22,494	......	......	......	......
Elkins Coal & Coke Co	No. 1	50,886	1	......	1	50,886
Elkins Coal & Coke Co	No. 5	146,631	2	......	2	73,316
Great Scott Coal & Coke Co	Great Scott	10,517	......	......	......	......
Lehigh Coal Co., The	Lehigh No. 1	12,000	......	......	......	......
North American Coal Co	Maidsville No. 1	14,600	......	......	......	......
Southern Connellsville Coke Co	Marion	25,285	......	......	......	......
Totals	......	319,947	3	......	3	106,649
NICHOLAS COUNTY						
Coalbell Coal Co	Trees Nos. 1-2	46,179	1	......	1	46,179
Pardee & Curtin Lumber Co	Camp No. 21, Panther Creek	7,688	......	......	......	......
Saxman Coal & Coke Co., The	Nos. 1-2-3	68,397	1	......	1	68,397
Totals	......	122,264	2	......	2	61,132
OHIO COUNTY						
Creighton, W. F	Creighton	3,965	......	......	......	......
Elm Grove Coal Co., The	Elm Grove	32,574	1	......	1	32,574
Richland Coal Co	Richland	453,236	3	......	3	151,079
Storch & Sons, Peter	Peter Storch	6,800	......	......	......	......
Whittaker-Glessner Co	Carter	43,758	......	......	......	......
Totals	......	540,333	4	......	4	135,083

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	Total Gross Tons Produced	FATAL ACCIDENTS			Tons of Coal Produced Per Fatal Accident
			Inside	Outside	Total	
PRESTON COUNTY						
Austen Coal & Coke Co.	No. 1	58,231				
Austen Coal & Coke Co.	No. 2	8,493				
Borgman Coal Co.	No. 1	61,500				
Elkins Coal & Coke Co.	No. 2	201,403	1		1	201,403
Elkins Coal & Coke Co.	No. 4	25,356				
Elkins Coal & Coke Co.	No. 6	188,878				
Gorman Coal & Coke Co.	Nos. 2-3	12,812				
Hiorra Coke Co.	Vulcan No. 1	42,722	1		1	42,722
Irona Coal Co.	Nos. 1-2	66,187	1		1	66,187
Kendall Lumber Co.	Arnold Run No. 1	10,564				
Late Coal Co., Gordon B.	Late No. 1	18,920	1		1	18,920
Merchant's Coal Co.	Tunnelton	35,470				
Preston County Coke Co.	Cascade Nos. 1-2-3-4-5	48,419	1		1	48,419
Preston Coal Co.	Preston No. 1	51,308				
Somerset Smokeless Coal Co.	Tunnelton	99,777				
Virginia-Maryland Coal Corporation	Scotch Hill	44,867				
Wills Coal Co., John	Wills No. 4	5,410				
Totals		980,322	5		5	196,064
PUTNAM COUNTY						
Black Betsey Coal & Mining Co.	No. 3	166,454				
Otto Marmet Coal & Mining Co.	Big Otto Nos. 1-2-3	163,679		1	1	163.679
Plymouth Coal Mining Co.	Plymouth	148,912	2		2	74,456
Totals		479,045	2	1	3	159,682
RALEIGH COUNTY						
Bailey-Wood Coal Co.	Bailey-Wood	84,010	1		1	84,010
Beckley Coal & Coke Co.	Beckley	82,734	1		1	82,734
Blue Jay Lumber Co.	No. 4	4,414				
City Coal Co.	Comb's Lease	7,390	1		1	7,390
Clear Fork Coal Co.	Leevale	69,170				
Cranberry Fuel Co.	Cranberry	101,413				
Cranberry Fuel Co.	Sprague	93,408				
Four States Coal & Coke Co.	Dorothy	284,373				
Four States Coal & Coke Co.	Sarita	264,191				
Gulf Coal Co.	Nos. 1-2-3	113,662	1		1	113,662
Gulf Smokeless Coal Co.	Tams Nos. 1-2-3	281,674	2		2	140,837
Lanark Coal Co.	Lanark No. 4	33,072				
Lilly Mining Co.	Whorley Nos. 1-2	22,363				
Lynwin Coal Co.	Lynwin	70,595				
Mabscott Coal & Coke Co.	Mabscott	78,751				
MacAlpin Coal Co.	MacAlpin	199,528	1		1	199,528
Marsh Fork Coal Co.	Marsh Fork	104,885				
McKell Coal & Coke Co.	Graham Nos. 1-2	14,222				
McKell Coal & Coke Co.	Oswald Nos. 1-2-3-4	82,925	2		2	41,463
McKell Coal & Coke Co.	Tamroy	67,637	3		3	22,546
New River Collieries Co.	Eccles No. 3	197,545				
New River Collieries Co.	Eccles No. 5	141,389				
New River Collieries Co.	Eccles No. 6	48,596				
Pemberton Coal & Coke Co.	Affinity	71,671				
Pemberton Coal & Coke Co.	Big Stick	170,518				
Pemberton Fuel Company	Pemberton Fuel	54,345				
Piney Mining Co.	Nos. 1-2	145,824				
Piney Mining Co.	No. 3	44,324				
Piney Mining Co.	No. 4	92,641				
Raleigh Coal & Coke Co.	Nos. 1-2-4	68,381				
Raleigh Coal & Coke Co.	No. 3	179,159	1		1	179,159
Raleigh Coal & Coke Co.	No. 5	15,817				
Raleigh Coal & Coke Co.	No. 6	203,637	1	1	2	101,819
Royal Coal Co.	Royal	25,657				
Slab Fork Coal Co.	Nos. 2-3-5-6-7	274,575	1		1	274,575

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
RALEIGH COUNTY—Cont.						
Stonewall Coal & Coke Co	Stonewall No. 3	1,231				
Stonewall Coal & Coke Co	Terry Nos. 2-3-4	54,657	1		1	54,657
Sullivan Coal & Coke Co	Sullivan	105,162				
West Virginia Coal Mining Co., The	Ragland	20,025				
White Coal Co., E. E	Glen White Nos. 1-2	271,766	1		1	271,766
White Coal Co., E. E	Stotesbury Nos. 1-3-5-6-7	244,062	1		1	244,062
Winding Gulf Colliery Co	Nos. 1-3	186,610				
Winding Gulf Colliery Co	No. 2	182,904				
Wood Peck Coal Co	Wood Peck	28,084				
Wright Coal & Coke Co	Wright No. 1	32,308				
Wright Coal & Coke Co	Wright No. 2	36,262				
Totals		4,957,567	18	1	19	260,925
RANDOLPH COUNTY						
Brady Coal Co	Klondyke	11,360				
Davis Coal & Coke Co	Weaver No. 1	55,426				
Davis Coal & Coke Co	Weaver No. 2	89,733				
Davis Colliery Co	Coalton	161,518	1		1	161,518
Davis Colliery Co	Harding	110,438				
Davis Colliery Co	Sivad No. 2	23,275				
Davis Colliery Co	Coaling Station	15,408				
Green, W. H	Williette	25,000				
Jenkins Coal & Coke Co., J. B	Ariana	34,535				
West Virginia Pulp & Paper Co	Hopkins	23,415				
Totals		550,108	1		1	550,108
TAYLOR COUNTY						
Davis, Estate of T. B	T. B. Davis	27,053				
Delmar Coal Co	Barry	9,032				
Grafton Coal & Coke Co	Sandlick No. 1	25,454				
Grafton Coal & Coke Co	Sandlick No. 2	27,682				
Harrison Coal & Coke Co	Harrison	25,415				
Maryland Coal Co. of W. Va	Wendel Nos. 1-2	450,641	2		2	225,321
McGraw Coal Co	New York No. 1	56,401				
Pittsvein Coal Co	No. 4	107,637				
Rosemont Coal Co	Rosemont	168,706	1		1	168,706
Sterling Coal Co	Cecil	4,374				
Winona Coal & Coke Co	Winona	44,419				
Totals		946,814	3		3	315,605
TUCKER COUNTY						
Cooper, J. Calvin	Cooper	12,239	1		1	12,239
Cumberland Coal Co	Douglass No. 1	87,029				
Cumberland Coal Co	Douglass No. 2	51,079				
Cumberland Coal Co	Douglass No. 6	6,291				
Davis Coal & Coke Co	No. 23	170,520	1		1	170,520
Davis Coal & Coke Co	No. 24	65,267	1		1	65,267
Davis Coal & Coke Co	No. 25	62,737				
Davis Coal & Coke Co	No. 26	55,246				
Davis Coal & Coke Co	No. 34	34,799				
Davis Coal & Coke Co	No. 35	27,029				
Davis Coal & Coke Co	No. 36	148,446				
Davis Coal & Coke Co	No. 37	111,906				
Davis Coal & Coke Co	No. 38	203,175	1		1	203,175
Davis Coal & Coke Co	No. 39	169,106	2		2	84,553
Davis Coal & Coke Co	No. 40	182,847		1	1	182,847
Davis Coal & Coke Co	No. 41	41,477				
Davis Coal & Coke Co	No. 43	24,559	1		1	24,559
Totals		1,453,752	6	2	8	181,719

TABLE SHOWING PRODUCTION OF COAL AND NUMBER OF FATAL ACCIDENTS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1915, TOGETHER WITH THE AVERAGE TONS PRODUCED PER FATAL ACCIDENT.

NAME OF COMPANY	NAME OF MINE	FATAL ACCIDENTS				Tons of Coal Produced Per Fatal Accident
		Total Gross Tons Produced	Inside	Outside	Total	
UPSHUR COUNTY						
Buchanan River Coal & Coke Co.	Florence No. 2	45,622	1		1	45,622
Red Rock Fuel Co.	Red Rock	52,882				
Totals		98,504	1		1	98,504
WAYNE COUNTY						
East Lynn Coal Co.	East Lynn No. 1	51,458				
Totals		51,458				
WYOMING COUNTY						
Meade-Pocahontas Coal Co.	Meade-Pocahontas	49,717				
Mullens Smokeless Coal Co.	Mullens Smokeless	1,250				
Trace Fork Coal Co.	Trace Fork No. 7	7,392				
Virginia Smokeless Fuel Co.	Virginia Smokeless	1,182				
Wyoming Coal Co.	Wyoming Nos. 1-2-3-4	36,625				
Totals		96,166				

RECAPITULATION.

Table Showing Production of Coal and Number of Fatal Accidents, By Counties, for the Year Ending June 30, 1915, Together With the Average Tons Produced per Fatal Accident.

NAME OF COUNTY	Total Gross Tons Produced	FATAL ACCIDENTS			Gross Tons of Coal Produced Per Fatal Accident
		Inside	Outside	Total	
Barbour	962,228	1	....	1	962,228
Boone	575,835	4	....	4	143,959
Braxton	294,206	....	....	......	....
Brooke	727,326	3	1	4	181,832
Clay	531,645	3	....	3	177,215
Fayette	7,881,872	183	5	188	41,925
Gilmer	137,971	1	....	1	137,971
Grant	165,121	....	....	......	....
Greenbrier	24,128	....	....	......	....
Harrison	4,533,032	10	1	11	412,094
Kanawha	5,142,586	16	4	20	257,129
Lewis	300	....	....	......	....
Lincoln	41,966	....	....	......	....
Logan	6,307,286	16	3	19	331,436
Marion	5,988,879	27	1	28	213,889
Marshall	963,173	4	....	4	240,793
Mason	125,135	....	....	......	....
McDowell	13,007,674	75	5	80	162,596
Mercer	2,717,510	10	3	13	209,039
Mineral	556,350	2	....	2	278,175
Mingo	2,538,174	24	4	28	90,649
Monongalia	319,947	3	....	3	106,649
Nicholas	122,264	2	....	2	61,132
Ohio	540,333	4	....	4	135,083
Preston	980,322	5	....	5	196,064
Putnam	479,045	2	1	3	159,682
Raleigh	4,957,567	18	1	19	260,925
Randolph	550,108	1	....	1	550,108
Small Country Mines	300,000	....	....	......	....
Taylor	946,814	3	....	3	315,605
Tucker	1,453,752	6	2	8	181,719
Upshur	98,504	1	....	1	98,504
Wayne	51,458	....	....	......	....
Wyoming	96,166	....	....	......	....
Grand Total	64,118,677	424	31	455	140,920

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of		Nationality
				Injury	Death	
	BARBOUR COUNTY					
1	The Consolidation Coal Co	Cons. No. 37	John Shanks	4-24-15	4-24-15	American
	BOONE COUNTY					
2	Anchor Coal Co	No. 1	John Cola	4-15-15	4-16-15	Italian
3	Seng Creek Coal Co	Seng Creek	Manuel George	8-31-14	8-31-14	Greek
4	The Spruce River Coal Co	Ramage	Charley Miller	10-15-14	10-16-14	Negro
5	Webb Coal Mining Co	Webb	W. M. Frost	7-30-14	7-30-14	English
	BROOKE COUNTY					
6	Clifton Coal Co	No. 1	Ignot Visci	2-10-15	2-10-15	Hungarian.
7	The Richland Block Coal Co	Beech Bottom	Ed. Elonzo	8- 3-14	8- 3-14	Italian
8	The Richland Block Coal Co	Beech Bottom	Joe Michael	1- 6-15	1- 7-15	Hungarian.
9	W. Va. & Pittsburgh Coal Co	LaBelle No. 4	Mike Yourevitch	12-22-14	12-22-14	Servian
	CLAY COUNTY					
10	Elk River Coal & Lumber Co	Rich Run	Antonio Zimmerman	12- 1-14	12- 1-14	Austrian
11	Elk River Coal & Lumber Co	Rich Run	John Secona	2- 8-15	2- 8-15	Austrian
12	Elk River Coal & Lumber Co	Rich Run	Homer Walker	2-17-15	2-17-15	American
	FAYETTE COUNTY					
13	Boomer Coal & Coke Co	No. 2 South	Angelo Menuch	7-30-14	7-30-14	Italian
14	Boomer Coal & Coke Co	No. 2 North	J. B. Marten	9-28-14	10-14-14	American
15	Boomer Coal & Coke Co	No. 4	C. L. Johnson	11-16-14	11-16-14	American
16	Brown Coal Co	Brown	Todd Kinney	1-15-15	1-16-15	Negro
17	Cannelton Coal & Coke Co	No. 2 North	Anderson Forbes	8-18-14	8-18-14	American
18	Collins Colliery Co	No. 3	Frank Benedict	4- 8-15	4- 8-15	Hungarian.
19	Dunloop Coal & Coke Co	Dunloop	C. B. Taylor	5-25-15	5-25-15	American
20	Ephraim Creek Coal & Coke Co.	Buffalo	James Seymour	9-25-14	9-25-14	American
21	Fire Creek Coal & Coke Co	Fire Creek	John Atkinson	9- 5-14	9- 6-14	American
22	Fort Defiance Coal & Coke Co	Fort Defiance	James Barrett	2- 4-15	2- 4-15	American
23	Greenwood Coal Co	Greenwood	John Martin	7- 8-14	7- 9-14	American
24	Greenwood Coal Co	Greenwood	E. E. Hughart	7-29-14	7-29-14	American
25	Holliday Coal Co	Keeney's Creek	W. M. Peyatte	2-23-15	2-23-15	American
26	Loop Creek Colliery Co	No. 2	J. B. Beeghly	8-17-14	8-18-14	American
27	Loop Creek Colliery Co	No. 2	Tony Panzaretta	9-19-14	9-19-14	Italian
28	Loop Creek Colliery Co	No. 2	C. M. Tucker	10- 1-14	10- 1-14	American
29	Loop Creek Colliery Co	No. 2	Jake Dart	12- 3-14	12- 3-14	American
30	Loop Creek Colliery Co	No. 2	Austin Raymond	5-20-15	5-20-15	American
31	Lookout Coal & Coke Co	Lookout	Henry T. Bays	2-24-15	3- 2-15	American
32	Lynchburg Colliery Co	Lynchburg	William H. Nutter	10-12-14	10-12-14	American
33	McKell Coal & Coke Co	Kilsyth	John Smith	9- 8-14	9- 8-14	Russian
34	Midvale Colliery Co	Midvale	Earl Turner	6-18-15	6-18-15	American
35	New River & Poca. Cons. C. Co	Layland No. 2	Alfonso Circaeo	7-20-14	7-20-14	Italian
36	New River & Poca. Cons. C. Co	Minden No. 2	A. N. Stanley	9- 4-14	9- 7-14	American
37	New River & Poca. Cons. C. Co	Minden No. 2	J. H. Linkswiler	9-16-14	9-16-14	American
38	New River & Poca. Cons. C. Co	Minden No. 2	Paul Cooperage	11-14-14	11-14-14	Russian
39	New River & Poca. Cons. C. Co	Layland No. 3	Wilson Arlow (Mike Olis)	3- 2-15	3- 2-15	Russian
40	New River & Poca. Cons. C. Co	Layland No. 3	Stanton Arthur	3- 2-15	3- 2-15	American
41	New River & Poca. Cons. C. Co	Layland No. 3	John Atkinson	3- 2-15	3- 2-15	American
42	New River & Poca. Cons. C. Co	Layland No. 3	Rosario Attena	3- 2-15	3- 2-15	Italian
43	New River & Poca. Cons. C. Co	Layland No. 3	Frank Baird	3- 2-15	3- 2-15	Italian
44	New River & Poca. Cons. C. Co	Layland No. 3	Andy Beneie	3- 2-15	3- 2-15	Austrian
45	New River & Poca. Cons. C. Co	Layland No. 3	George Beneie	3- 2-15	3- 2-15	Slavish
46	New River & Poca. Cons. C. Co	Layland No. 3	Peter Beneie	3- 2-15	3- 2-15	Austrian
47	New River & Poca. Cons. C. Co	Layland No. 3	Fred Bennett	3- 2-15	3- 2-15	American
48	New River & Poca. Cons. C. Co	Layland No. 3	Weils Borsuk	3- 2-15	3- 2-15	Russian
49	New River & Poca. Cons. C. Co	Layland No. 3	Mike Bozach	3- 2-15	3- 2-15	Austrian
50	New River & Poca. Cons. C. Co	Layland No. 3	Dick Bryant	3- 2-15	3- 2-15	American
51	New River & Poca. Cons. C. Co	Layland No. 3	Andrew Butina	3- 2-15	3- 2-15	Slavish
52	New River & Poca. Cons. C. Co	Layland No. 3	Arthur Caldwell	3- 2-15	3- 2-15	American
53	New River & Poca. Cons. C. Co	Layland No. 3	Tora Carolla	3- 2-15	3- 2-15	Italian
54	New River & Poca. Cons. C. Co	Layland No. 3	Tony Cappano	3- 2-15	3- 2-15	Italian
55	New River & Poca. Cons. C. Co	Layland No. 3	Andy Clobuchar	3- 2-15	3- 2-15	Austrian
56	New River & Poca. Cons. C. Co	Layland No. 3	Abner Cooper	3- 2-15	3- 2-15	Negro
57	New River & Poca. Cons. C. Co	Layland No. 3	M. L. Day (Emanuel Lopez)	3- 2-15	3- 2-15	Spanish
58	New River & Poca. Cons. C. Co	Layland No. 3	Tony Delatz	3- 2-15	3- 2-15	Austrian
59	New River & Poca. Cons. C. Co	Layland No. 3	Antonio DiTubio	3- 2-15	3- 2-15	Italian
60	New River & Poca. Cons. C. Co	Layland No. 3	Ed. Donally	3- 2-15	3- 2-15	American
61	New River & Poca. Cons. C. Co	Layland No. 3	Wilton Dorsey	3- 2-15	3- 2-15	American
62	New River & Poca. Cons. C. Co	Layland No. 3	Martin Fadeen	3- 2-15	3- 2-15	Russian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
15 years	29	Laborer	M	Yes	4	5		Fall of Roof	No	I
1 year	20	Coal Loader	S					Fall of Roof	No	I
4 months	19	Coal Loader	S					Mine Cars	No	I
3 months	28	Coal Loader	M	Yes	1	2		Fall of Roof	No	I
23 years	35	Miner	M	Yes	5	6		Fall of Roof	No	I
7 years	34	Miner	S					Electrocuted	Yes	I
2 months	27	Driver	S					Electrocuted	No	I
5 months	40	Laborer	M	Yes	2	3		Wire rope and cross tie	No	O
9 months	32	Trackman	M	Yes		1		Electrocuted	Yes	I
	25	Miner	S				$ 250.00	Fall of Coal	No	I
2 years	22	Motorman	S				800.00	Electric Locomotive	No	I
6 months	33	Machine Helper	S					Fall of Coal	No	I
Several years	41	Miner	M	Yes	2	3	Workmen's Comps	Premature Blast	No	I
6 years	37	Machine Helper	M		3	3	Workmen's Comps	Fall of Coal	No	I
Several years	28	Brakeman	M	Yes			Workeman's Comps	Mine Car	No	I
1 year	30	Triprider	M	Yes	2	3		Monitor	No	O
6 months	14	Coal Loader	S					Mine Car	No	I
10 years	43	Miner	S				50.00	Fall of Roof	No	I
19 years	34	Motorman	M					Mine Car	No	O
4 years	22	Motorman	S					Mine Car	No	I
10 years	30	Miner	M	Yes	3	4		Mine Car	No	I
1 year	34	Laborer	M	Yes	1	2		Fall of Roof	No	I
25 years	44	Miner	M		5	5		Fall of Roof	No	I
17 years	49	Miner	M	Yes	2	3		Fall of Roof	No	I
35 years	59	Miner	S					Fall of Roof	No	I
10 years	30	Miner	M	Yes	1	2	50.00	Fall of Roof	No	I
4 years		Miner	S					Fall of Roof	No	I
8 years	25	Motorman	M	Yes	1	2		Fall of Roof	No	I
4 years	18	Miner	S					Fall of Roof	No	I
Many years	50	Miner	S					Electrocuted	No	I
10 years	41	Miner	M	Yes	9	10		Premature Explosion	No	I
Several years	26	Miner	S					Fall of Roof	No	I
3 months	29	Miner	M	Yes		1	Workmen's Comps	Fall of Roof	Yes	I
12 years	26	Driver	S					Thrown for track horse on incline	No	O
3 years	38	Driver	M	Yes	3	4		Fall of Roof	No	I
6 years	46	Driver	M	Yes	4	5		Fall of Roof	No	I
Unknown	34	Pumper	M	Yes	4	5		Mine Car	No	I
Unknown	24	Miner	S				50.00	Fall of Roof	No	I
Unknown	29	Miner	M	Yes	1	2		Dust Explosion	Yes	I
Unknown	26	Miner	M	Yes	3	4		Dust Explosion	Yes	I
50 years	69	Sub-Station	M	Yes		1		Dust Explosion	Yes	I
Unknown	53	Miner	M	Yes		1		Dust Explosion	Yes	I
3 years	39	Miner	M	Yes	3	4		Dust Explosion	Yes	I
2 years	30	Miner	S					Dust Explosion	Yes	I
Unknown	24	Trip Runner	S					Dust Explosion	Yes	I
3 years	28	Miner	M	Yes	7	8		Dust Explosion	Yes	I
Unknown	28	Motorman	S			1		Dust Explosion	Yes	I
6 months	30	Miner	M	Yes	2	3		Dust Explosion	Yes	I
1 year	35	Miner	S				50.00	Dust Explosion	Yes	I
	42	Miner	M	Yes		1		Dust Explosion	Yes	I
2 years	35	Miner	M	Yes	1	2	50.00	Dust Explosion	Yes	I
	20	Trackman	S					Dust Explosion	Yes	I
4 years	27	Miner	M	Yes		1		Dust Explosion	Yes	I
4 years	33	Miner	M	Yes	3	4		Dust Explosion	Yes	I
3 years	24	Miner	S				50.00	Dust Explosion	Yes	I
3 years	23	Store Porter	S					Dust Explosion	No	O
	29	Miner	M	Yes	2	3		Dust Explosion	Yes	I
	25	Miner	S				50.00	Dust Explosion	Yes	I
	45	Miner	M	Yes	3	4	50.00	Dust Explosion	Yes	I
3 years	28	Miner	M	Yes	1	2	174.00	Dust Explosion	Yes	I
	22	Motorman	M	Yes		1	50.00	Dust Explosion	Yes	I
	20	Miner	S					Dust Explosion	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of Injury	Date of Death	Nationality
	FAYETTE COUNTY—Cont.					
63	New River & Poca. Cons. C. Co.	Layland No. 3	Dave Fadlowitz	3- 2-15	3- 2-15	Slavish
64	New River & Poca. Cons. C. Co.	Layland No. 3	Mike Fedder	3- 2-15	3- 2-15	Russian
65	New River & Poca. Cons. C. Co.	Layland No. 3	M. Ferris	3- 2-15	3- 2-15	Syrian
66	New River & Poca. Cons. C. Co.	Layland No. 3	Vallie Fitzpatrick	3- 2-15	3- 2-15	American
67	New River & Poca. Cons. C. Co.	Layland No. 3	Wm. Fitzpatrick	3- 2-15	3- 2-15	American
68	New River & Poca. Cons. C. Co.	Layland No. 3	Joe Fleger	3- 2-15	3- 2-15	Bohemian
69	New River & Poca. Cons. C. Co.	Layland No. 3	John Fleger	3- 2-15	3- 2-15	Bohemian
70	New River & Poca. Cons. C. Co.	Layland No. 3	Locupro Fonkolo	3- 2-15	3- 2-15	Russian
71	New River & Poca. Cons. C. Co.	Layland No. 3	Guiseppi Garritano	3- 2-15	3- 2-15	Italian
72	New River & Poca. Cons. C. Co.	Layland No. 3	Lige Gibson	3- 2-15	3- 2-15	American
73	New River & Poca. Cons. C. Co.	Layland No. 3	Walter Gill	3- 2-15	3- 2-15	American
74	New River & Poca. Cons. C. Co.	Layland No. 3	Edward Gilkerson	3- 2-15	3- 2-15	American
75	New River & Poca. Cons. C. Co.	Layland No. 3	Aolio Gioncinto	3- 2-15	3- 2-15	Italian
76	New River & Poca. Cons. C. Co.	Layland No. 3	Homer Goddard	3- 2-15	3- 2-15	American
77	New River & Poca. Cons. C. Co.	Layland No. 3	Andre Graguvie	3- 2-15	3- 2-15	Austrian
78	New River & Poca. Cons. C. Co.	Layland No. 3	Mahood Hassen	3- 2-15	3- 2-15	Syrian
79	New River & Poca. Cons. C. Co.	Layland No. 3	John Havard	3- 2-15	3- 2-15	American
80	New River & Poca. Cons. C. Co.	Layland No. 3	James Hornby	3- 2-15	3- 2-15	American
81	New River & Poca. Cons. C. Co.	Layland No. 3	Ignats Hostonof	3- 2-15	3- 2-15	Russian
82	New River & Poca. Cons. C. Co.	Layland No. 3	Dennis Hurley	3- 2-15	3- 2-15	American
83	New River & Poca. Cons. C. Co.	Layland No. 3	John Joswa	3- 2-15	3- 2-15	Austrian
84	New River & Poca. Cons. C. Co.	Layland No. 3	Welsen Kessel	3- 2-15	3- 2-15	Russian
85	New River & Poca. Cons. C. Co.	Layland No. 3	Amos Kincaid	3- 2-15	3- 2-15	American
86	New River & Poca. Cons. C. Co.	Layland No. 3	Zahor Kiselon	3- 2-15	3- 2-15	Russian
87	New River & Poca. Cons. C. Co.	Layland No. 3	Paul Klobuchar	3- 2-15	3- 2-15	Austrian
88	New River & Poca. Cons. C. Co.	Layland No. 3	Kostanti Kostukervitz	3- 2-15	3- 2-15	Russian
89	New River & Poca. Cons. C. Co.	Layland No. 3	John Knopich	3- 2-15	3- 2-15	Austrian
90	New River & Poca. Cons. C. Co.	Layland No. 3	John Kopico	3- 2-15	3- 2-15	Austrian
91	New River & Poca. Cons. C. Co.	Layland No. 3	Amtro Korchi	3- 2-15	3- 2-15	Austrian
92	New River & Poca. Cons. C. Co.	Layland No. 3	John Kueic	3- 2-15	-3 2-15	Russian
93	New River & Poca. Cons. C. Co.	Layland No. 3	Virgil Lacy	3- 2-15	3- 2-15	American
94	New River & Poca. Cons. C. Co.	Layland No. 3	David Laird	3- 2-15	3- 2-15	Scotch
95	New River & Poca. Cons. C. Co.	Layland No. 3	Mile Legevi	3- 2-15	3- 2-15	....
96	New River & Poca. Cons. C. Co.	Layland No. 3	Henry Lowen	3- 2-15-	3- 2-15	German
97	New River & Poca. Cons. C. Co.	Layland No. 3	Martin Lynch	3- 2-15	3- 2-15	American
98	New River & Poca. Cons. C. Co.	Layland No. 3	Joe Mavanuchi	3- 2-15	3- 2-15	Italian
99	New River & Poca. Cons. C. Co.	Layland No. 3	Charles Mavcidno	3- 2-15	3- 2-15	Italian
100	New River & Poca. Cons. C. Co.	Layland No. 3	Michele Maviano	3- 2-15	3- 2-15	Italian
101	New River & Poca. Cons. C. Co.	Layland No. 3	Ben McDaniel	3- 2-15	3- 2-15	American
102	New River & Poca. Cons. C. Co.	Layland No. 3	Charles McDaniel	3- 2-15	3- 2-15	American
103	New River & Poca. Cons. C. Co.	Layland No. 3	George McDaniel	3- 2-15	3- 2-15	American
104	New River & Poca. Cons. C. Co.	Layland No. 3	John McMillen	3- 2-15	3- 2-15	Scotch
105	New River & Poca. Cons. C. Co.	Layland No. 3	John Miller	3- 2-15	3- 2-15	American
106	New River & Poca. Cons. C. Co.	Layland No. 3	John Moody	3- 2-15	3- 2-15	American
107	New River & Poca. Cons. C. Co.	Layland No. 3	Paul Morrison	3- 2-15	3- 2-15	Italian
108	New River & Poca. Cons. C. Co.	Layland No. 3	John Mosik	3- 2-15	3- 2-15	Russian
109	New River & Poca. Cons. C. Co.	Layland No. 3	Abe Myers	3- 2-15	3- 2-15	American
110	New River & Poca. Cons. C. Co.	Layland No. 3	Walson Navinsky	3- 2-15	3- 2-15	Russian
111	New River & Poca. Cons. C. Co.	Layland No. 3	Hobert Osborn	3- 2-15	3- 2-15	American
112	New River & Poca. Cons. C. Co.	Layland No. 3	Alex Otaka	3- 2-15	3- 2-15	Russian
113	New River & Poca. Cons. C. Co.	Layland No. 3	Bunagukr Paguve	3- 2-15	3- 2-15	Russian
114	New River & Poca. Cons. C. Co.	Layland No. 3	Flory Perry	3- 2-15	3- 2-15	Italian
115	New River & Poca. Cons. C. Co.	Layland No. 3	Sebastiana Pakani (Potani)	3- 2-15	3- 2-15	Italian
116	New River & Poca. Cons. C. Co.	Layland No. 3	Roberto Perry	3- 2-15	3- 2-15	Italian
117	New River & Poca. Cons. C. Co.	Layland No. 3	Joe Petvowitz	3- 2-15	3- 2-15	Polish
118	New River & Poca. Cons. C. Co.	Layland No. 3	Steve Plesha	3- 2-15	3- 2-15	Slavish
119	New River & Poca. Cons. C. Co.	Layland No. 3	Louis Palatch	3- 2-15	3- 2-15	Austrian
120	New River & Poca. Cons. C. Co.	Layland No. 3	A. P. Ponton	3- 2-15	3- 2-15	American
121	New River & Poca. Cons. C. Co.	Layland No. 3	Daniel Potapor	3- 2-15	3- 2-15	Russian
122	New River & Poca. Cons. C. Co.	Layland No. 3	Frank Prochilo	3- 2-15	3- 2-15	Italian
123	New River & Poca. Cons. C. Co.	Layland No. 3	Louis Prodonitz	3- 2-15	3- 2-15	Austrian
124	New River & Poca. Cons. C. Co.	Layland No. 3	Alex Propolic	3- 2-15	3- 2-15	Russian
125	New River & Poca. Cons. C. Co.	Layland No. 3	Clarence Quick	3- 2-15	3- 2-15	American
126	New River & Poca. Cons. C. Co.	Layland No. 3	John Ricci	3- 2-15	3- 2-15	Italian
127	New River & Poca. Cons. C. Co.	Layland No. 3	Henry Richards	3- 2-15	3- 2-15	Welch
128	New River & Poca. Cons. C. Co.	Layland No. 3	Salvatore Rotolo	3- 2-15	3- 2-15	Italian
129	New River & Poca. Cons. C. Co.	Layland No. 3	Poru Ruziski	3- 2-15	3- 2-15	Russian
130	New River & Poca. Cons. C. Co.	Layland No. 3	Tony Sandy	3- 2-15	3- 2-15	Italian
131	New River & Poca. Cons. C. Co.	Layland No. 3	John Saul	3- 2-15	3- 2-15	American
132	New River & Poca. Cons. C. Co.	Layland No. 3	Thomas Saul	3- 2-15	3- 2-15	American
133	New River & Poca. Cons. C. Co.	Layland No. 3	John Salosky	3- 2-15	3- 2-15	Russian
134	New River & Poca. Cons. C. Co.	Layland No. 3	Alfred Salvatore	3- 2-15	3- 2-15	Italian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
....	21	Trip Runner.....	S	....	..	....	....	Dust Explosion.......	Yes	I
....	30	Miner...........	M	Yes	1	2	....	Dust Explosion.......	Yes	I
....	30	Miner...........	M	Yes	2	3	....	Dust Explosion.......	Yes	I
4 years.......	19	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
6 years.......	52	Miner...........	M	Yes	1	2	....	Dust Explosion.......	Yes	I
....	16	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	40	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	26	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	23	Miner...........	M	Yes	2	3	....	Dust Explosion.......	Yes	I
....	38	Miner...........	M	Yes	1	2	$ 50.00	Dust Explosion.......	Yes	I
....	18	Trip Runner.....	S	....	..	....	....	Dust Explosion.......	Yes	I
....	28	Miner	M	Yes	..	1	....	Dust Explosion.......	Yes	I
....	26	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	29	Miner...........	M	Yes	4	5	....	Dust Explosion.......	Yes	I
....	38	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
Unknown......	35	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
Unknown......	44	Mine Foreman...	M	Yes	1	2	606.00	Dust Explosion.......	Yes	I
2 years.......	43	Miner...........	M	Yes	4	5	160.00	Dust Explosion.......	Yes	I
5 months.....	28	Miner...........	M	Yes	1	2	....	Dust Explosion.......	Yes	I
6 years.......	37	Pumper	M	Yes	2	3	50.00	Dust Explosion.......	Yes	I
3 years.......	25	Trackman.......	M	Yes	1	2	90.00	Dust Explosion.......	Yes	I
....	36	Miner...........	M	Yes	3	4	....	Dust Explosion.......	Yes	I
3 years.......	40	Miner...........	M	No	5	5	160.00	Dust Explosion.......	Yes	I
....	22	Miner...........	S	....	..	....	50.00	Dust Explosion.......	Yes	I
1 year........	40	Miner...........	M	Yes	3	4	....	Dust Explosion.......	Yes	I
1 year........	26	Miner...........	M	Yes	1	4	50.00	Dust Explosion.......	Yes	I
7 months......	40	Miner...........	M	Yes	2	3	....	Dust Explosion.......	Yes	I
....	30	Miner...........	M	Yes	5	6	....	Dust Explosion.......	Yes	I
....	28	Miner...........	S	....	..	....	102.50	Dust Explosion.......	Yes	I
....	20	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
16 months.....	21	Trip Runner.....	M	Yes	1	2	50.00	Dust Explosion.......	Yes	I
6 years.......	38	Miner...........	M	Yes	5	6	50.00	Dust Explosion.......	Yes	I
6 years.......	22	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	32	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
6 years.......	35	Miner...........	M	Yes	5	6	....	Dust Explosion.......	Yes	I
4 years.......	32	Miner...........	M	Yes	2	3	....	Dust Explosion.......	Yes	I
....	24	Miner	S	....	..	....	....	Dust Explosion.......	Yes	I
....	31	Miner...........	M	Yes	1	2	....	Dust Explosion.......	Yes	I
6 years.......	45	Miner...........	M	....	3	3	50.00	Dust Explosion.......	Yes	I
4 years.......	23	Miner...........	S	....	..	....	50.00	Dust Explosion.......	Yes	I
....	21	Miner...........	S	....	..	....	50.00	Dust Explosion.......	Yes	I
6 years.......	44	Mine Foreman...	M	....	..	....	222.50	Dust Explosion.......	Yes	I
2 years.......	33	Miner...........	M	Yes	1	2	50.00	Dust Explosion.......	Yes	I
8 years.......	44	Miner...........	M	Yes	5	6	....	Dust Explosion.......	Yes	I
4 years.......	34	Miner...........	S	....	..	....	50.00	Dust Explosion.......	Yes	I
....	20	Miner...........	S	....	..	....	....	Dust Exlposion.......	Yes	I
3 years.......	29	Motorman.......	S	....	..	....	100.00	Dust Explosion.......	Yes	I
....	30	Miner...........	M	....	..	....	....	Dust Explosion.......	Yes	I
8 months.....	21	Trip Runner.....	S	....	..	....	50.00	Dust Explosion.......	Yes	I
7 months.....	29	Miner...........	M	Yes	1	2	50.00	Dust Explosion.......	Yes	I
....	18	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	22	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	26	....	S	....	..	....	....	Dust Explosion.......	Yes	I
....	20	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
7 years.......	35	Motorman.......	S	....	..	....	....	Dust Explosion.......	Yes	I
5 years.......	24	Trip Runner.....	M	Yes	..	1	50.00	Dust Explosion.......	Yes	I
....	24	Trackman.......	S	....	..	....	....	Dust Explosion.......	Yes	I
....	..	Miner...........	M	Yes	..	1	....	Dust Explosion.......	Yes	I
....	22	Miner...........	S	....	..	....	....	Dust Explosion.......	Yes	I
....	32	Miner...........	M	Yes	2	3	....	Dust Explosion.......	Yes	I
....	29	Miner...........	S	....	..	....	50.00	Dust Explosion	Yes	I
....	24	Miner	....	....	..	....	....	Dust Explosion.......	Yes	I
....	21	Trip Runner.....	S	....	..	....	....	Dust Explosion.......	Yes	I
4 years.......	29	Stone Mason.....	M	Yes	1	2	....	Dust Explosion.......	Yes	I
1 year........	37	Trackman.......	M	Yes	5	6	....	Dust Explosion.......	Yes	I
14 months.....	35	Miner...........	M	Yes	3	4	....	Dust Explosion.......	Yes	I
....	27	Miner...........	M	Yes	1	2	....	Dust Explosion.......	Yes	I
....	30	Miner...........	S	...	..	....	....	Dust Explosion.......	Yes	I
3 years.......	26	Motor Runner....	M	Yes	3	4	....	Dust Explosion.......	Yes	I
....	23	Motorman.......	M	Yes	1	2	201.50	Dust Explosion.......	Yes	I
....	38	Miner...........	M	Yes	4	5	....	Dust Explosion.......	Yes	I
1 year........	33	Miner...........	M	Yes	3	4	....	Dust Explosion.......	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of		Nationality
				Injury	Death	
	FAYETTE COUNTY—Cont.					
135	New River & Poca. Cons. C. Co	Layland No. 3	L. L. Shaffer	3- 2-15	3- 2-15	American
136	New River & Poca. Cons. C. Co	Layland No. 3	J. E. Simmons	3- 2-15	3- 2-15	American
137	New River & Poca. Cons. C. Co	Layland No. 3	J. H. Smith	3- 2-15	3- 2-15	English
138	New River & Poca. Cons. C. Co	Layland No. 3	Frank Sowich	3- 2-15	3- 2-15	Austrian
139	New River & Poca. Cons. C. Co	Layland No. 3	John Spolaric	3- 2-15	3- 2-15	Austrian
140	New River & Poca. Cons. C. Co	Layland No. 3	Jim Spariaco	3- 2-15	3- 2-15	Italian
141	New River & Poca. Cons. C. Co	Layland No. 3	Tom Spolaric	3- 2-15	3- 2-15	Austrian
142	New River & Poca. Cons. C. Co	Layland No. 3	Mike Suckes	3- 2-15	3- 2-15	Austrian
143	New River & Poca. Cons. C. Co	Layland No. 3	Wilson Susky	3- 2-15	3- 2-15	Russian
144	New River & Poca. Cons. C. Co	Layland No. 3	Mike Supanski	3- 2-15	3- 2-15	Russian
145	New River & Poca. Cons. C. Co	Layland No. 3	G. O. Wecks	3- 2-15	3- 2-15	American
146	New River & Poca. Cons. C. Co	Layland No. 3	Tony Weber	3- 2-15	3- 2-15	Austrian
147	New River & Poca. Cons. C. Co	Layland No. 3	Nick Widmer	3- 2-15	3- 2-15	Austrian
148	New River & Poca. Cons. C. Co	Layland No. 3	John L. Wimmer	3- 2-15	3- 2-15	American
149	New River & Poca. Cons. C. Co	Layland No. 3	Charles Zofinelli	3- 2-15	3- 2-15	Italian
150	New River & Poca. Cons. C. Co	Layland No. 3	Pete Zupanski	3- 2-15	3- 2-15	Russian
151	New River & Poca. Cons. C. Co	Layland No. 3	Unidentified	3- 2-15	3- 2-15	
152	New River & Poca. Cons. C. Co	Minden	Ed. Blackwell	5-21-15	5-21-15	American
153	New River Collieries Co	Sun No. 1	Pete Konoski	1-27-15	1-27-15	Polish
154	New River Collieries Co (W. H. Hide, Contractor)	Sun No. 2	Mike Braditch	2-25-15	2-25-15	Montenegrin
155	Nichol Colliery Co	Nichol	Arthur Colston	1-15-15	1-15-15	American
156	Prudence Coal Co	Jones No. 3	Pete Hamlin	8-21-14	8-21-14	Spaniard
157	Prudence Coal Co	Lyman No. 2	Harry T. Leach	2- 1-15	2-1- 15	English
158	Prudence Coal Co	Lyman No. 2	Steve Baronsky	4-21-15	4-21-15	Russian
159	Solvay Collieries Co	Nos. 3-4	Fred Nowordsky	7-21-14	7-21-14	Polish
160	Solvay Collieries Co	Westerly No. 1	James K. Darlington	8-11-14	8-11-14	American
161	Solvay Collieries Co	No. 1	Joe Turk	4- 1-15	4- 1-15	German
162	Stone Cliff Coal & Coke Co	Stone Cliff	William Bibb	7-23-14	7-23-14	Negro
163	Stuart Colliery Co	Summerlee	William Powell	8-24-14	8-24-14	English
164	Stuart Colliery Co	Summerlee	Steve Anchew	10- 7-14	10- 7-14	Polish
165	Stuart Colliery Co	Summerlee	Horace Morgan	6-29-15	6-29-15	English
166	Stuart Colliery Co	Lochgelly	Phillip Howard	11- 2-14	11- 2-14	Negro
167	Star Coal & Coke Co	Star	Stany Suchodolsky	10-29-14	10-29-14	Austrian
168	Star Coal & Coke Co	Star	David Kyle	6- 7-15	6- 7-15	Negro
169	Sunday Creek Co	No. 112	Dewey Walker	7-14-14	7-14-14	American
170	Sunday Creek Co	No. 112	Floyd Riley	4-22-15	4-22-15	American
171	Sugar Creek Coal & Coke Co	Sugar Creek No. 2	Charles A. Midkiff	1- 1-15	1-12-15	American
172	Turkey Knob Coal Co	Turkey Knob	William Hammons	12-29-14	1-14-15	American
173	White Oak Fuel Co	Whipple	George Terris	7-11-14	7-11-14	Polish
174	White Oak Fuel Co	Whipple	William Say	8- 3-14	8- 3-14	American
175	White Oak Fuel Co	Scarbro	Felix Janciski	12- 1-14	12- 4-14	Polish
176	White Oak Fuel Co	Carlisle	Victor Cuminsky	2- 6-15	2- 6-15	Spanish
177	White Oak Fuel Co	Carlisle	William Cuminsky	2- 6-15	2- 6-15	Spanish
178	White Oak Fuel Co	Carlisle	Jack Custer	2- 6-15	2- 6-15	Polish
179	White Oak Fuel Co	Carlisle	Frank Erstime	2- 6-15	2- 6-15	Polish
180	White Oak Fuel Co	Carlisle	Andy Garten	2- 6-15	2- 6-15	Slavish
181	White Oak Fuel Co	Carlsile	William Gray	2- 6-15	2- 6-15	American
182	White Oak Fuel Co	Carlisle	Lindsay Johnson	2- 6-15	2- 6-15	
183	White Oak Fuel Co	Carlisle	Charles Kebert	2- 6-15	2- 6-15	Lithuanian
184	White Oak Fuel Co	Carlisle	Albert Kopruski	2- 6-15	2- 6-15	Polish
185	White Oak Fuel Co	Carlisle	John Makevas	2- 6-15	2- 6-15	Hungarian.
186	White Oak Fuel Co	Carlisle	James Ova	2- 6-15	2- 6-15	Granish
187	White Oak Fuel Co	Carlisle	Fred Pannel	2- 6-15	2- 6-15	American
188	White Oak Fuel Co	Carlisle	Ollis Rex	2- 6-15	2-20-15	Polish
189	White Oak Fuel Co	Carlisle	Mike Sounenberg	2- 6-15	2- 6-15	German
190	White Oak Fuel Co	Carlisle	Fred Salway	2- 6-15	2- 6-15	Russian
191	White Oak Fuel Co	Carlisle	Joe Sabola	2- 6-15	2- 6-15	Polish
192	White Oak Fuel Co	Carlisle	Frank Smith	2- 6-15	2- 6-15	Slavish
193	White Oak Fuel Co	Carlisle	Davles Scardro	2- 6-15	2- 6-15	American
194	White Oak Fuel Co	Carlisle	Jack Souders	2- 6-15	2- 6-15	American
195	White Oak Fuel Co	Carlisle	Montague Thomas	2- 6-15	2- 6-15	American
196	White Oak Fuel Co	Carlisle	Leo Vitsvitch	2- 6-15	2- 6-15	Polish
197	White Oak Fuel Co	Carlisle	Remus Chandler	2- 6-15	2- 0-15	Negro
198	White Oak Fuel Co	Scarbro	Adam Reimeris	3- 3-15	3- 3-15	Lithuanian
199	White Oak Fuel Co	Scarbro	Stanley Delinsky	3-27-15	3-27-15	Lithuanian
200	White Oak Fuel Co	Whipple	John Ginnis	5-22-15	5-22-15	Litvitch
	GILMER COUNTY					
201	McCaa Coal Co	McCaa	Rosco Muto	12-16-14	12-16-14	Italian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
6 months	35	Miner	M	Yes	6	7		Dust Explosion	Yes	I
3 years	30	Miner	M	Yes	5	6		Dust Explosion	Yes	I
	33	Electrician						Dust Explosion	Yes	I
	27	Laborer	M	Yes		1		Dust Explosion	Yes	I
	51	Miner	M	Yes		1		Dust Explosion	Yes	I
	22	Miner	S					Dust Explosion	Yes	I
	50	Miner	M	Yes		1	50.00	Dust Explosion	Yes	I
7 months	24	Miner					50.00	Dust Explosion	Yes	I
2 days	42	Miner	M	Yes	5	6		Dust Explosion	Yes	I
6 months	23	Miner	S					Dust Explosion	Yes	I
4 years	30	Miner	M	Yes	1	2		Dust Explosion	Yes	I
	23	Trackman	S					Dust Explosion	Yes	I
7 years	29	Stone Mason	S					Dust Explosion	Yes	I
1 year	54	Miner	M	Yes	4	5		Dust Explosion	Yes	I
4 years	37	Miner	M	Yes	2	3		Dust Explosion	Yes	I
5 months	20	Miner	S					Dust Explosion	Yes	I
								Dust Explosion	Yes	I
12 years	21	Brakeman	M	Yes		1		Mine Car	No	I
15 months	24	Miner	S				1,000.00	Fall of Roof	No	I
6 months	21	Laborer	S					Fell down Shaft	No	I
20 months	35	Miner	S					Fall of Roof	No	I
3 months	31	Miner	M	Yes	3	4		Fall of Roof	No	I
30 years	56	Miner	S				75.00	Fall of Roof	No	I
	30	Coal Loader	S					Mine Car	No	I
6 months	40	Trackman	S					Mine Car	No	O
4 years	24	Motorman	M	Yes		1	50.00	Electrocuted	No	I
10 years	36	Miner	S					Fall of Roof	No	I
7 years	23	Miner	S					Fall of Roof	No	I
4 years	19	Brakeman	S					Mine Car	No	I
5 years	26	Laborer	S					Fall of Roof	No	I
4 years	19	Brakeman	S				75.00 and Wk. Comp.	Mine Car	No	I
5 years	19	Brakeman	S					Electrocuted	No	I
2 years	33	Machine Runner	S					Electrocuted	No	I
5 years	21	Driver	S					Fall of Roof	No	I
3 years	16	Brakeman	S					Mine Car	No	I
2 years	17	Brakeman	S					Mine Car	No	I
25 years	49	Miner	M	Yes	2	3		Fall of Roof	No	I
15 years	39	Mine Foreman	M					Locomotive	No	I
15 years	36	Miner	M	Yes	4	5		Fall of Coal	No	I
3 years	19	Brakeman	S				50.00	Mine Car	No	I
4 years	36	Brakeman	M	Yes	2	3		Fall of Roof and Coal.	No	I
	28	Miner	S					Gas Explosion	Yes	I
	32	Miner	S					Gas Explosion	Yes	I
	27	Miner	S					Gas Explosion	Yes	I
	20	Miner	S					Gas Explosion	Yes	I
	28	Miner	S					Gas Explosion	Yes	I
	35	Driver	S					Gas Explosion	Yes	I
	58	Miner	M	Yes		1		Gas Explosion	Yes	I
	23	Miner	S					Gas Explosion	Yes	I
	16	Trapper	S					Gas Explosion	Yes	I
	40	Miner	M	Yes		1		Gas Explosion	Yes	I
	24	Miner	S					Gas Explosion	Yes	I
	18	Miner	S					Gas Explosion	Yes	I
	15	Trapper	S					Gas Explosion	Yes	I
	26	Miner	M	Yes	1	2		Gas Explosion	Yes	I
	28	Miner	S					Gas Explosion	Yes	I
	20	Miner	S					Gas Explosion	Yes	I
	28	Miner	S					Gas Explosion	Yes	I
	17	Driver	S					Gas Explosion	Yes	I
	54	Miner	S					Gas Explosion	Yes	I
	48	Miner	M	Yes	5	6		Gas Explosion	Yes	I
	14	Trapper	S					Gas Explosion	Yes	I
	25	Miner	S					Gas Explosion	Yes	I
	23	Coal Loader	S					Electrocuted	Yes	I
	30	Miner	S					Fall of Roof	Yes	I
	38	Miner	M	Yes	4	5		Fall of Coal	Yes	I
9 years	33	Miner	M	Yes	2	3		Fall of Roof	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of Injury	Date of Death	Nationality
	HARRISON COUNTY					
202	The Consolidation Coal Co	Cons. No. 62	Mike Pylypchuck	11- 3-14	11- 3-14	Russian
203	The Consolidation Coal Co	Cons. No. 32	Luken Pryslok	11-21-14	11-21-14	Polish
204	The Consolidation Coal Co	Cons. No. 29	Shirley Leisure	12-15-14	12-15-14	American
205	The Consolidation Coal Co	Cons. No. 49	B. E. Satterfield	3-17-15	3-17-15	American
206	The Consolidation Coal Co	Cons. No. 62	Guybioth Luigi	6-23-15	6-23-15	Italian
207	Fayette Coal Co	Fayette	William Hamrick	7- 2-14	7- 2-14	American
208	Hutchinson Coal Co	No. 3	Lovro Marsich	7-28-14	7-28-14	Horwat
209	Hutchinson Coal Co	McCandlish	Ray Giropa	7-28-14	8-20-14	Italián
210	Orr Shields Coal Co	Phoenix	Mike Morton	9- 5-14	9- 5-14	Irish
211	Righter Coal & Coke Co	Righter	Salvatore Audia (Sam Owl)	3-15-15	3-15-15	Italian
212	Taylor Collieries Co	No. 1	Joe Muncie	5-11-15	5-11-15	Italian
	KANAWHA COUNTY					
213	Cabin Creek Cons. Coal Co	Cherokee	Jess Williams	9-14-14	9-14-14	American
214	Cabin Creek Cons. Coal Co	United Gas	Fred Miller	10- 7-14	10- 7-14	Russian
215	Cabin Creek Cons. Coal Co	Black Tulip	Charles Dalton	10-15-14	10-15-14	American
216	Cabin Creek Cons. Coal Co	Black Tulip	Burt France	10-15-14	10-15-14	American
217	Cabin Creek Cons. Coal Co	United Splint	Mike Chapinel	11-13-14	11-13-14	Italian
218	Cabin Creek Cons. Coal Co	Thistle	James Richards	1-12-15	1-12-15	American
219	Cabin Creek Cons. Coal Co	Quarrier	John Byzone	4-20-15	4-20-15	Polish
220	Cabin Creek Cons. Coal Co	Raccoon No 2	Granville Brown	5-29-15	5-29-15	American
221	Cabin Creek Cons. Coal Co	United Gas	Ben Likens	4- 7-15	5-29-15	American
222	The Campbell's Creek Coal Co.	No 3	Frank Stewart	1-28-14	9-20-14	American
223	The Campbell's Creek Coal Co.	No. 1	Samuel Flowers	10-21-14	10-21-14	American
224	Chesapeake Mining Co	No. 3	John Andia	9-24-14	9-24-14	Italian
225	Chesapeake Mining Co	No. 1	John W. Lawrence	11-11-14	11-11-14	American
226	Imperial Colliery Co	No. 1	Joseph Lytle	7- 8-14	7- 8-14	Scotch
227	National Bituminous C. & C. Co.	No. 2 Gas	James Lyons	7- 8-14	7-17-14	American
228	Paint Creek Collieries Co	Paint Creek	Gordon Massie	8-29-14	8-29-14	American
229	Sunday Creek Co	No. 101	Sam Lee	10-23-14	10-23-14	American
230	West Virginia Colliery Co	No. 4	Miles King	9- 2-14	9- 2-14	Negro
231	Winifrede Coal Co	West	Albert Collins	8-26-14	8-27-14	Negro
232	Wyatt Coal Co	Horton	Ed. Williams	6- 5-15	6- 5-15	American
	LOGAN COUNTY					
233	Argyle Coal Co	Argyle	Albery Hoslerig	3-26-15	3-26-15	Negro
234	Argyle Coal Co	Argyle	Charles Buzart	6- 7-15	6- 7-15	Hungarian.
235	Coal River Coal & Coke Co	Dobra	Mack Warehime	3-14-15	3-14-15	American
236	The Ethel Coal Co	No. 1	Joe Butick	7-14-14	7-14-14	Slavish
237	The Ethel Coal Co	No. 2	Wiley Cook	2-26-15	2-26-15	Negro
238	Island Creek Colliery Co	Switzer	Valexin Condale	12-22-14	12-22-14	Roumanian
239	Main Island Creek Coal Co	No. 4	Rosia Wattotr	9- 2-14	9- 2-14	Italian
240	Monitor Coal & Coke Co	No. 1	Mike Hepcol	10-17-14	10-18-14	Roumanian
241	McGregor Coal Co	McGregor	John Nisbet	4-12-15	4-12-15	Scotch
242	Spruce Bend Coal Co	Sharples	George W. Wilson	9- 9-14	9- 9-14	American
243	Spruce Valley Coal Co	Spruce Valley	Ray Early	11-25-14	11-28-14	American
244	United States Coal & Oil Co	No. 2	Antel Paragh	7-15-14	7-15-14	Hungarian.
245	United States Coal & Oil Co	No. 1	Ignazio Grasso	10- 3-14	10- 3-14	Italian
246	United States Coal & Oil Co	No. 10	Frank Reichel (Regal)	10- 6-14	10- 6-14	Polish
247	United States Coal & Oil Co	No. 2	Steve Reisenichler	11-14-14	11-14-14	Hungarian.
248	United States Coal & Oil Co	No. 8	Jonah Burns	1- 4-15	1- 4-15	American
249	Virginia-Buffalo Coal Co	Virginia-Buffalo	John Burgless	12- 3-14	1-26-15	American
250	Wilson Coal Co., The H. T	Wilson	James Darby	4- 2-15	4- 2-15	American
251	Yuma Coal & Coke Co	Yuma	Nathias H. Brown	1-25-15	1-25-15	American
	MARION COUNTY					
252	The Consolidation Coal Co	Cons. No. 43	Frank Skarinsky	2-25-14	7- 2-14	Polish
253	The Consolidation Coal Co	Cons. No. 63	Jim Pasquale	7- 9-14	7- 9-14	Italian
254	The Consolidation Coal Co	Cons. No. 26	Pascoe Angello	8-25-14	8-25-14	Italian
255	The Consolidation Coal Co	Cons. No. 47	Frank Knight	9- 9-14	9- 9-14	American
256	The Consolidation Coal Co	Cons. No. 43	Mike Urilla	11-16-14	11-16-14	Italian
257	The Consolidation Coal Co	Cons. No. 26	Richard Adkinson	10-20-14	1- 7-15	Negro
258	The Consolidation Coal Co	Cons. No. 63	Joe Ceilli	3- 3-15	3- 3-15	Slavish
259	The Consolidation Coal Co	Cons. No. 43	John Reschick	3-27-15	3-29-15	Polish
260	The Consolidation Coal Co	Cons. No. 22	Edward Pyles	4- 8-15	4-10-15	American
261	The Consolidation Coal Co	Cons. No. 38	John Mikrat	5-19-15	5-19-15	Polish
262	The Consolidation Coal Co	Cons. No. 43	Adolph Wayno	5-22-15	5-22-15	Polish
263	The Consolidation Coal Co	Cons. No. 47	Evan Yelorica	5-22-15	5-22-15	Slavish
264	The Consolidation Coal Co	Cons. No. 47	Carmme Demarry	6- 2-15	6- 2-15	Italian
265	The Consolidation Coal Co	Cons. No. 22	Luigie Alioito	6-18-15	6-18-15	Italian
266	The Consolidation Coal Co	Cons. No. 26	Steff Pappas	6-26-15	6-26-15	Greek

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
....	22	Coal Loader	S	....	..	....	....	Electrocuted	No	I
....	38	Coal Loader	M	Yes	2	3	....	Fall of Roof	No	I
10 years	21	Engineer	S	....	..	....	....	Electrocuted	No	O
10 years	49	Laborer	M	Yes	1	2	....	Fall of Roof	No	I
....	26	Slateman	S	....	..	....	....	Fall of Roof	No	I
6 months	14	Trapper	S	....	..	....	....	Mine Car	No	I
4 months	27	Miner	M	Yes	2	3	....	Fall of Roof	No	I
6 years	33	Miner	M	Yes	3	4	....	Fall of Coal	No	I
Many years	54	Trapper	....	....	..	....	....	Mine Car	No	I
5 years	30	Miner	M	Yes	2	3	....	Blown out Shot	No	I
3 years	23	Driver	S	....	..	....	....	Mine Car	No	I
5 years	21	Car Trimmer	S	....	..	....	Workman's Comp.	Mine Car	No	O
14 months	32	Coal Loader	S	....	..	....	Workman's Comp.	Fall of Roof	No	I
Several months	33	Laborer	S	....	..	....	Workman's Comp.	Fall of Roof	Yes	I
8 years	22	Coupler	S	....	..	....	Workman's Comp.	Fall of Roof	Yes	I
2 years	21	Miner	S	....	..	....	Workman's Comp.	Fall of Roof	No	I
10 years	19	Tippleman	S	....	..	....	....	Railroad Car	No	O
2 years	26	Coal Loader	S	....	..	....	Workman's Comp.	Fall of Roof	No	I
Several years	18	Tippleman	S	....	..	....	Workman's Comp.	Mine Car	No	O
4 years	18	Brakeman	S	....	..	....	....	Mine Car	No	I
10 months	22	Miner	S	....	..	....	....	Fall of Roof	No	I
12 years	34	Coal Loader	M	Yes	5	6	....	Mine Car	No	I
8 years	35	Miner	M	Yes	4	5	50.00	Fall of Roof	No	I
30 years	55	Coal Loader	M	....	4	4	....	Premature Explosion	No	I
25 years	45	Coal Loader	M	....	..	....	....	Fall of Roof	No	I
4 months	15	Trapper	S	....	..	....	....	Electric Locomotive	No	I
4 years	21	Miner	S	....	..	....	....	Mine Car	No	I
....	18	Coal Loader	S	....	..	....	....	Fall of Roof	No	I
....	24	Miner	M	Yes	..	1	....	Electrocuted	No	I
....	..	Miner	S	....	..	....	....	Fall of Roof	No	I
20 years	38	Miner	M	Yes	4	5	....	Run away cars on incline	No	O
2 years	42	Tippleman	M	Yes	..	1	....	Mine Car (Incline)	No	O
2 years	31	Trackman	M	Yes	..	1	....	Fall of Roof	No	I
25 years	50	Carpenter	M	Yes	2	3	....	Fall of Roof	No	I
15 years	35	Miner	S	....	..	....	....	Fall of Roof	No	I
2 years	24	Driver	S	....	..	....	....	Mine Car	No	I
....	38	Miner	M	Yes	2	3	....	Mine Car	No	I
10 months	18	Tippleman	S	....	..	....	....	Mine Car	No	O
4 years	53	Coal Loader	M	Yes	4	5	Workman's Comp.	Premature Explosion	No	I
12 years	24	Motorman	S	....	..	....	....	Mine Car	No	O
....	40	Trackman	M	Yes	4	5	....	Fall of Roof	No	I
Several years	25	Machine Runner	S	....	..	....	....	Mining Machine	No	I
8 years	41	Coal Loader	M	Yes	3	4	50.00	Fall of Roof	No	I
....	25	Machine Helper	S	....	..	....	....	Electrocuted	No	I
....	27	Coal Loader	M	Yes	1	2	....	Fall of Roof	No	I
....	41	Coal Loader	M	Yes	4	5	....	Electrocuted	No	I
....	50	Timberman	M	Yes	..	1	....	Fall of Roof	No	I
Several years	40	Laborer	M	Yes	2	3	....	Mine Car and Post	No	I
Several years	33	Coal Loader	M	Yes	2	3	....	Fall of Roof	No	I
1 year	37	Machine Runner	M	Yes	5	6	....	Mine Car	Yes	I
....	43	Miner	M	....	7	7	....	Fall of Roof	No	I
2 years	22	Driver	S	....	..	....	....	Mine Car	No	I
3 years	26	Miner	S	....	..	....	....	Fall of Roof	No	I
1 year	22	Brakeman	S	....	..	....	....	Mine Car	No	I
2 years	28	Miner	S	....	..	....	....	Fall of Roof	No	I
Many years	50	Coal Loader	M	....	2	2	....	Fall of Coal	No	I
4 years	28	Miner	M	Yes	1	2	....	Fall of Roof	No	I
....	23	Coal Loader	S	....	..	....	....	Fall of Roof	No	I
3 months	17	Trapper	S	....	..	....	....	Mine Car	No	I
....	24	Coal Loader	S	....	..	....	....	Mine Car	No	I
2 years	29	Miner	S	....	..	....	....	Fall of Roof	No	I
18 months	19	Miner	S	....	..	....	....	Fall of Coal and Roof	No	I
3 years	20	Driver	S	....	..	....	....	Mine Car	No	I
....	20	Driver	S	....	..	....	....	Mine Car	No	I
1 month	28	Miner	S	....	..	....	....	Fall of Coal	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of		Nationality
				Injury	Death	
	MARION COUNTY—Cont.					
267	Federal Coal & Coke Co........	Federal..........	Steve Zwijouz........	7-28-14	7-30-14	Polish.....
268	Four States Coal & Coke Co....	Annabelle........	Charles Huppock.....	7-24-14	7-24-14	Russian....
269	Four States Coal & Coke Co....	Annabelle........	William Stannard.....	10-19-14	10-19-14	English....
270	Four States Coal & Coke Co....	Annabelle........	Tony Chienzi.........	1- 8-15	1- 8-15	Italian.....
271	Harry B. Coal Co..............	No. 4............	Willis Hisson.........	7-15-14	7-15-14	American...
272	Jamison Coal & Coke Co.......	No. 9............	James Curry.........	12- 3-14	12- 3-14	English....
273	Jamison Coal & Coke Co.......	No. 7............	Mike Krysto.........	12-15-14	12-19-14	Bulgarian..
274	Jamison Coal & Coke Co.......	No. 9............	Frank Boshac........	1-13-15	1-13-15	Austrian...
275	Jamison Coal & Coke Co.......	No. 8............	T. Y. Jones..........	5-13-15	5-14-15	American...
276	Jamison Coal & Coke Co.......	No. 9............	George Wooskovich...	5-21-15	5-21-15	Hungarian
277	Jamison Coal & Coke Co.......	No. 9............	Frank Holupki.......	5-29-15	5-29-15	Austrian...
278	Jamison Coal & Coke Co.......	No. 9............	John Lucas..........	5-29-15	5-29-15	Roumanian
279	The Virginia & Pittsburgh Coal & Coke Co..................	Kingmont........	James Audia.........	12- 3-14	12- 5-14	Italian.....
	MARSHALL COUNTY					
280	Ben Franklin Coal Co..........	Panama.........	Joseph Baker.........	8-21-14	8-21-14	Polish.....
281	Hitchman Coal & Coke Co......	Hitchman........	Joseph Chynat.......	8-29-14	8-29-14	Polish.....
282	Hitchman Coal & Coke Co......	Hitchman........	Mike Wenovich.......	11-23-14	11-23-14	Horwat....
283	Hitchman Coal & Coke Co......	Hitchman........	William Murray......	2-23-15	2-23-15	Irish......
	McDOWELL COUNTY					
284	Algoma Coal & Coke Co........	Piney...........	Will Graves..........	8-24-14	8-24-14	Negro.....
285	Arlington Coal & Coke Co......	Arlington........	David Menus........	8-26-14	8-26-14	Italian.....
286	Ashland Coal & Coke Co.......	Ashland.........	Ed. L. Honaker.......	3-26-15	3-26-15	American...
287	Ashland Coal & Coke Co.......	Ashland.........	John A. Greer........	4-12-15	4-12-15	American...
288	Black Wolf Coal & Coke Co.....	Black Wolf......	Geo. Smith...........	3- 5-15	3- 5-15	Negro.....
289	Bottom Creek Coal & Coke Co..	No. 1............	Herman Palovney.....	9-18-14	9-18-14	Russian....
290	Carter Coal Co................	Thelma..........	E. W. Cook..........	7-22-14	7 -22-14	American...
291	Carter Coal Co................	Nora............	Joe Cassole..........	9-17-14	9-17-14	Italian.....
292	Carter Coal Co................	Thelma..........	C. B. Riddle.........	11-22-14	11-22-14	American...
293	Carter Coal Co................	Six..............	Sam Lopinsena.......	12-15-14	12-28-14	Italian.....
294	Carter Coal Co................	Caretta..........	Santo Boschain.......	4-12-15	4-12-15	Italian.....
295	Carter Coal Co................	Six..............	Alex Stufco..........	5-23-15	5-23-15	Slavish....
296	Carter Coal Co................	Six..............	Elmer Bowles........	6- 8-15	6- 8-15	American...
297	Central Pocahontas Coal Co....	No. 1............	Joe Leftwich.........	5- 7-15	5- 7-15	American...
298	Crozer Coal & Coke Co.........	No. 1............	Mike Perrish.........	2- 5-15	2-16-15	Austrian...
299	Davy Pocahontas Coal Co......	No. 1............	J. F. Mabrey.........	4-17-15	4-17-15	American...
300	Davy Pocahontas Coal Co......	No. 1............	David Wisecup.......	4-17-15	4-17-15	American...
301	Davy Pocahontas Coal Co......	No 1.............	James Whitten.......	4-17-15	4-17-15	American...
302	Elkhorn Coal & Coke Co.......	Elkhorn.........	Peyton Terry.........	6-10-15	6-10-15	Negro.....
303	Elkridge Coal & Coke Co.......	Elkridge.........	N G. Pasharis.......	2-27-15	2-27-15	Greek.....
304	The Empire Coal & Coke Co....	Empire..........	Staneslow Kosusky...	8-12-14	8-12-14	Polish.....
305	The Empire Coal & Coke Co....	Empire..........	Harry Aneschuck.....	4-29-15	4-29-15	Galacian...
306	Excesior-Pocahontas Coal Co...	No. 138..........	S. J. Burnett.........	12- 7-14	12- 7-14	Negro.....
307	Houston Collieries Co..........	Olmsted.........	Robert Wilson........	2-16-15	2-16-15	Negro.....
308	Houston Collier es Co..........	Carswell.........	Mike Kestler........	4-13-15	4-13-15	Slavish....
309	J. B. B. Coal Co...............	No. 2............	George Richards......	8-10-14	8-10-14	American...
310	J. B. B. Coal Co...............	No. 3............	Mosco Marko........	11-13-14	11-13-14	Italian.....
311	J. B. B. Coal Co...............	Old No. 2........	Alex Mitchell.........	4- 1-15	4- 1-15	Negro.....
312	John's Branch Coal Co.........	John's Branch....	Jonce Eng and........	10-27-14	10-27-14	American...
313	Keystone Coal & Coke Co......	No. 1............	Joe Wolvosh.........	1-26-15	1-29-15	Hungarian.
314	Keystone Coal & Coke Co......	No. 1............	W. O. Brooks........	2-11-15	2-12-15	American...
315	Keystone Coal & Coke Co......	No. 1............	Mike Rudy..........	6- 1-15	6- 1-15	Russian....
316	Kimball-Pocahontas Coal Co....	Virginia.........	Dewey Huffman......	5-31-15	5-31-15	Russian....
317	King Coal Co..................	King............	John Karuso.........	12-30-14	1- 3-15	Austrian...
318	King Coal Co..................	King............	John Bellis...........	4- 7-15	4- 7-15	English....
319	King Coal Co..................	King............	Sam Chirella	4-24-15	4-24-15	Italian.....
320	Lathrop Coal Co...............	Lathrop.........	John Barksdale.......	2-16-15	2-18-15	Negro.....
321	Lynchburg Coal & Coke Co.....	Lynchburg.......	Phota Soptar.........	9-29-14	9-29-14	Italian.....
322	McDowell Coal & Coke Co.....	McDowell.......	James Jacob.........	8- 1-14	8- 1-14	Hungarian.
323	New River & Poca. Cons. C. Co	Havaco..........	William Shultz.......	10-21-14	10-21-14	Lithuanian
324	New River & Poca. Cons. C. Co.	Berwind No. 2....	John Hadden.........	11-11-14	11-11-14	Negro.....
325	New River & Poca. Cons. C. Co.	Berwind No. 2....	Peter Toney..........	12-31-14	12-31-14	Italian.....
326	New River & Poca. Cons. C. Co.	Havaco..........	D. Presenon..........	4-30-15	4-30-15	Italian.....
327	Page Coal & Coke Co..........	No. 1............	Henry Hereford......	11-23-14	11-23-14	Negro.....
328	Page Coal & Coke Co..........	No. 3............	Philander Gray.......	11-27-14	11-27-14	Negro.....
329	Page Coal & Coke Co..........	No. 1............	George Coovish.......	6- 1-15	6- 1-15	Russian....
330	Peerless Coal & Coke Co.......	Peerless.........	Lee Lawson.........	8- 7-14	8- 7-14	American...
331	Pocahontas Cons. Coll. Col Inc..	Delta............	Pete Desanto.........	7-30-14	7-30-14	Italian.....
332	Pocahontas Cons. Coll. Co. Inc..	No. 8-1..........	Jim Williams.........	8-27-14	8-27-14	Negro.....

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
5 years	25	Machine Helper	S	....	..	....	....	Fall of Coal	No	I
....	30	Coal Loader	M	Yes	4	5	....	Mine Car	No	I
Many years	43	Laborer	S	....	..	....	....	Mine Car	No	I
8 years	36	Driller	M	Yes	2	3	....	Fall of Roof	No	I
10 years	31	Miner	M	Yes	3	4	....	Fall of Roof	No	I
20 years	43	Timberman	M	Yes	2	3	....	Fall of Roof	No	I
1 year	18	Coal Loader	S	....	..	....	....	Mine Car	No	I
15 years	56	Laborer	S	....	..	....	....	Railroad Car	No	O
....	29	Timberman	M	Yes	..	1	....	Fall of Roof	No	I
7 years	38	Slateman	M	Yes	3	4	....	Fall of Roof	No	I
5 years	25	Slateman	S	....	..	....	....	Fall of Roof	No	I
4 years	29	Slateman	M	Yes	1	2	....	Fall of Roof	No	I
6 years	27	Miner	S	....	..	....	....	Fall of Roof	No	I
4 years	42	Miner	M	No	..	....	....	Fall of Roof	No	I
....	19	Coal Loader	S	....	..	....	....	Electrocuted	No	I
Several years	28	Coal Loader	M	Yes	2	3	....	Fall of Roof	No	I
Several years	54	Coal Loader	S	....	..	....	....	Fall of Roof	No	I
12 years	35	Spragger	S	....	..	....	....	Mine Car	No	I
....	30	Miner	M	Yes	..	1	....	Fall of Roof	No	I
12 years	30	Ass't Mine Foreman	M	Yes	..	1	....	Electrocuted	No	1
Many years	28	Ass't Mine Foreman	M	Yes	3	4	....	Electrocuted	No	I
12 years	42	Coal Loader	M	Yes	2	3	....	Fall of Roof	No	I
....	29	Trackman	S	....	..	....	....	Fall of Roof	No	I
20 years	40	Miner	M	Yes	3	4	....	Fall of Roof	No	I
7 years	32	Miner	M	Yes	2	3	....	Fall of Roof	No	I
Several years	24	Brakeman	S	....	..	....	....	Electric Locomotive	No	I
Unknown	25	Miner	S	....	..	....	....	Mine Car	No	I
1 year	35	Miner	M	Yes	3	4	....	Mine Car	No	I
Unknown	31	Miner	S	....	..	....	....	Mine Car	No	I
5 years	20	Brakeman	S	....	..	....	100.00	Mine Car	No	I
10 years	52	Miner	M	Yes	..	1	....	Fall of Coal	No	I
2 years	45	Miner	M	Yes	6	7	....	Mine Car and Coal	No	I
5 years	35	Contractor	M	Yes	2	3	....	Gas Explosion	Yes	I
3 years	22	Driver	S	....	..	....	....	Gas Explosion	Yes	I
15 years	38	Contractor	M	Yes	5	6	....	Gas Explosion	Yes	I
3 years	22	Driver	S	....	..	....	50.00	Mine Car	No	I
5 years	30	Miner	S	....	..	....	....	Fall of Roof	No	I
....	38	Miner	M	Yes	3	4	....	Fall of Coal	No	I
Several years	40	Miner	M	Yes	2	3	Workman's Comp.	Fall of Roof	No	I
....	..	Miner	....	....	..	....	....	Fall of Roof	No	I
Several years	22	Brakeman	S	....	..	....	50.00	Mine Car	No	I
Unknown	49	Miner	S	....	..	....	50.00	Mine Car	No	I
2 years	33	Miner	S	....	..	....	....	Fall of Roof	No	I
8 months	24	Miner	S	....	..	....	....	Fall of Roof	No	I
2 years	21	Miner	S	....	..	....	50.00	Fall of Roof	No	I
Unknown	25	Miner	M	Yes	3	4	....	Fall of Roof	Yes	I
5 years	47	Miner	M	....	..	....	....	Fall of Roof	No	I
4 years	29	Brakeman	S	....	..	....	....	Mine Car	No	O
3 years	26	Miner	M	Yes	2	3	50.00	Fall of Roof	No	I
4 years	18	Brakeman	S	....	..	....	....	Fall of Roof	No	I
4 years	26	Miner	M	....	..	....	....	Fall of Coal	No	I
5 years	36	Fire Boss	M	Yes	2	3	Workmen's Comp.	Fall of Roof	No	I
....	20	Slateman	S	....	..	....	Workmen's Comp.	Fall of Roof	No	I
6 years	27	Loader	S	....	..	....	....	Fall of Roof	No	I
8 months	17	Trackman	S	....	..	....	Workman's Comp.	Fall of Coal	No	I
1 year	24	Miner	S	....	..	....	....	Fall of Coal	No	I
Several years	28	Bratticeman	S	....	..	....	....	Electric Locomotive	No	I
6 years	29	Brakeman	M	Yes	..	1	....	Electric Locomotive	No	I
5 years	24	Miner	S	....	..	....	....	Fall of Roof	No	I
Several years	25	Miner	S	....	..	....	....	Mine Car	No	I
3 years	24	Miner	M	Yes	..	1	....	Fall of Roof	No	I
2 years	17	Trapper	S	....	..	....	....	Mine Car	No	I
Several years	40	Laborer	M	Yes	1	2	....	Fall of Roof	No	I
3 years	28	Engineer	M	Yes	2	3	....	Bridge Collapsed	No	O
7 years	29	Miner	S	....	..	....	....	Fall of Roof	No	I
15 years	35	Brakeman	M	Yes	3	4	50 00	Electrocuted	No	O

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of		Nationality
				Injury	Death	
	McDOWELL COUNTY—Continued					
333	Pocahontas Cons. Coll. Co. Inc.	No. 7-1 off 8	Sidney E. Harmon	9- 1-14	9- 3-14	American
334	Pocahontas Cons. Coll. Co. Inc.	Delta	Sonny Damels	9- 2-14	9- 2-14	Negro
335	Pocahontas Cons. Coll. Co. Inc.	Lick Branch	Frank Carrida	9-23-14	9-24-14	Italian
336	Pocahontas Cons. Coll. Co. Inc.	Shamokin	Robert Irving	10- 2-14	10- 3-14	Negro
337	Pocahontas Cons. Coll. Co. Inc.	No. 6-8	Pete Augue	10- 6-14	10- 6-14	Russian
338	Pocahontas Cons. Coll. Co. Inc.	Angle	Pete Yati	10-27-14	10-27-14	Italian
339	Pocahontas Cons. Coll. Co. Inc.	Rolfe	Nick Sama	10-28-14	10-28-14	Italian
340	Pocahontas Cons. Coll. Co. Inc.	West	Louis Satmyr	2-16-15	2-16-15	Hungarian
341	Pocahontas Cons. Coll. Co. Inc.	Shamokin	John Settle	2-20-15	2-20-15	Negro
342	Pocahontas Cons. Coll. Co. Inc.	Norfolk	Paul Abbington	4-16-15	4-16-15	Negro
343	Pocahontas Cons. Coll. Co. Inc.	Lick Branch	John Rup	6- 1-15	6- 1-15	Polish
344	Pocahontas Cons. Coll. Co. Inc.	Rolfe	Robert Cheatham	6- 2-15	6- 2-15	Negro
345	Pocahontas Cons. Coll. Co. Inc.	Delta	John Noovo	6-18-15	6-19-15	American
346	Pocahontas Smokeless Coal Co	Slick Rock	Sam Sporkman	12-16-14	12-16-14	American
347	Premier-Pocahontas Coll. Co.	No. 1	William Booten	1-20-15	1-20-15	Negro
348	Premier-Pocahontas Coll. Co.	No. 3	Luige Cooporale	5-26-15	5-26-15	Italian
349	Pulaski Iron Co	No. 2	Phillip Hodnett	8-14-14	8-15-14	American
350	Pulaski Iron Co	No. 2	W. G. Jonas	8-17-14	8-17-14	American
351	Pulaski Iron Co	No. 2	James Adams	8-31-14	8-31-14	American
352	Shawnee Coal & Coke Co	Shawnee	Moon Pointilli	11-17-14	11-17-14	Roumanian
353	Solvay Collieries Co	Big Sandy	Miles Pharr	12-17-14	12-18-14	American
354	Standard Pocahontas Coal Co.	Standard	Joe Daroska	8-13-14	8-14-14	Italian
355	Superior-Pocahontas Coal Co.	No. 1	Arcadu Antonia	9-16-14	9-16-14	Italian
356	Superior-Pocahontas Coal Co.	No. 4	John Culurden	4-12-15	4-12-15	Greek
357	Superior-Pocahontas Coal Co.	No. 2	Harry Dunbar	5-26-15	5-26-15	American
358	The Tidewater Coal & Coke Co.	Tidewater	James Freeman	7-21-14	7-21-14	Negro
359	The Tidewater Coal & Coke Co.	Tidewater	Adam Barnheart	12- 9-14	12- 9-14	Negro
360	The Tidewater Coal & Coke Co.	Tidewater	Joe Rotilio	12-23-14	12-23-14	Italian
361	Upland Coal & Coke Co	Upland	R. H. Jones	10- 1-14	10- 1-14	Negro
362	The U. S. Coal & Coke Co.	No. 5	Gus McDowell	12-10-14	12-10-14	Negro
363	Vaughan Construction Co. Inc.	Cambridge	Alex Tyree	6- 3-15	6- 3-15	American
	MERCER COUNTY					
364	American Coal Co	Pinnacle	Eugene Coceia	5-28-15	6- 3-15	Italian
365	Buckeye Coal & Coke Co.	Buckeye	Lewie Viztak	12-24-14	12-24-14	Hungarian
366	Buckeye Coal & Coke Co	Buckeye	Charlie Sampel	5- 8-15	5- 8-15	Hungarian
367	Louisville Coal & Coke Co.	Goodwill	Moses Magsley	2-23-15	2-23-15	Negro
368	Mill Creek Coal & Coke Co.	Tug River	Floyd Williams	1-14-15	1-14-15	Negro
369	Mill Creek Coal & Coke Co.	Mill Creek	Walter Cartwright	3-11-15	3-11-15	American
370	Mill Creek Coal & Coke Co.	West Fork	Tom Jackson	4-15-15	4-15-15	Negro
371	The Pawama Coal & Coke Co.	No. 2	John L. Edwards	10-22-14	10-22-14	American
372	The Pawama Coal & Coke Co.	No. 2	A. F. Cecil	12- 7-14	12- 7-14	American
373	Pocahontas Cons. Coll. Co. Inc.	Caswell Creek	Julius Dalton	3- 4-15	3-4- 15	Negro
374	Solvay Collieries Co	Spring	Edwin V. Walker	9-29-14	9-29-14	American
375	Solvay Collieries Co	Spring	Ephun E. Walker	9-29-14	9-29-14	American
376	The Thomas Coal Co.	No. 2	Irving Garland	6-28-15	6-28-15	Negro
	MINERAL COUNTY					
377	Davis Coal & Coke Co	Ott No. 20	Stephen Barnes	1- 4-15	1- 4-15	English
378	Davis Coal & Coke Co	No. 19	George Copp	1-18-15	1-18-15	American
	MINGO COUNTY					
379	Crystal Block Coal & Coke Co.	No. 1	Lovell Chopman	7-16-14	7-16-14	American
380	Glen Alum Coal Co	Glen Alum	Major Foley	9-14-14	9-18-14	American
381	Glen Alum Coal Co	Glen Alum	Toney Matoney	4-27-15	4-27-15	Italian
382	Glen Alum Coal Co	Glen Alum	Frank Corsis	6- 9-15	6- 9-15	Hungarian
383	Glen Alum Coal Co	Glen Alum	Sabot Bingo	6-14-15	6-14-15	Italian
384	Mary Helen Coal Co	Mary Helen	Robert L. Hale	7-16-14	7-16-14	American
385	Magnolia Coal & Coke Co	Magnolia	Jock York	9-18-14	9-20-14	American
386	Magnolia Coal & Coke Co	Magnolia	Dave Evans	10- 2-14	10- 2-14	American
387	Magnolia Coal & Coke Co	Magnolia	Lindsay Hall	10-15-14	10-15-14	American
388	Magnolia Coal & Coke Co	Magnolia	Wayne H. Neal	12-15-14	12-15-14	American
389	Mingo Washed Coal Co	Ajax	Edward L. Dillon	11- 7-14	11- 7-14	American
390	Red Jacket Cons. C. & C. Co	Rutherford	H. D. Maynard	9-15-14	9-28-14	American
391	Red Jacket Cons. C. & C. Co	Mitchell Branch	Alex Carpots	6-25-15	6-25-15	Hungarian
392	Red Jacket Jr. Coal Co.	Junior	Charles Mullett	9-25-14	9-25-14	American
393	Red Jacket Jr. Coal Co.	Junior	John Bincze	11-17-14	11-17-14	Hungarian
394	Sternberger Coal Co., E. L.	Sternberger	Boyd Brown	10-22-14	10-22-14	American
395	Stone Mountain Coal Corp.	Marvin	Will Artis	9-17-14	9-17-14	American
396	Stone Mountain Coal Corp.	Marvin	Henry Whitely	10- 3-14	10- 3-14	American
397	Sycamore Coal Co	Cinderella	Jacob Coburn	8- 8-14	8- 8-14	American
398	Sycamore Coal Co	Cinderella	John Mitchell	3-29-15	3-29-15	Negro

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
3 months	17	Machine Helper	S	....	..	....	....	Fall of Roof	No	I
5 years	19	Coal Loader	M	Yes	..	1	....	Electric Locomotive	No	I
3 years	31	Miner	M	Yes	1	2	....	Flying Coal	No	I
5 years	23	Machine Helper	S	....	..	....	....	Fall of Roof	No	I
....	18	Miner	S	....	..	....	....	Electrocuted	No	I
6 months	35	Miner	M	Yes	2	3	....	Fall of Roof	No	I
1 year	17	Laborer	S	....	..	....	....	Fall of Roof	No	I
4 months	22	Miner	S	....	..	....	....	Fall of Roof	No	I
5 years	26	Brakeman	S	....	..	....	....	Thrown off trestle from Mine Car	No	O
1 year	16	Brakeman	S	....	..	....	....	Electric Locomotive	No	O
4 years	23	Miner	M	Yes	2	3	....	Fall of Slate	No	I
22 years	47	Miner	S	....	..	....	50.00	Fall of Slate	No	I
10 years	50	Miner	M	Yes	..	1	....	Fall of Roof	No	I
10 years	35	Miner	S	....	..	....	....	Fall of Roof	No	I
16 years	50	Miner	S	....	..	....	....	Mine Car	No	I
18 months	26	Miner	S	....	..	....	....	Fall of Roof	No	I
....	32	Brakeman	M	Yes	2	3	....	Electric Locomotive	No	I
....	23	Brakeman	S	....	..	....	....	Mine Car	No	I
....	24	Top Shooter	S	....	..	....	50.00	Fall of Roof	No	I
....	51	Slateman	M	Yes	2	3	....	Fall of Roof	No	I
5 years	19	Miner	S	....	..	....	50.00	Fall of Roof	No	I
3 years	32	Coal Loader	M	Yes	4	5	....	Fall of Roof	No	I
....	25	Miner	S	....	..	....	....	Fall of Roof	No	I
3 years	35	Miner	M	Yes	1	2	Workman's Comp	Electrocuted	Yes	I
15 years	30	Miner	S	....	..	....	....	Fall of Roof	No	I
....	35	Slateman	M	Yes	1	2	....	Fall of Roof	No	I
10 years	60	Slateman	M	Yes	..	1	....	Fall of Roof	No	I
9 months	37	Miner	M	Yes	2	3	....	Fall of Roof	No	I
Several years	26	Miner	S	....	..	....	....	Fall of Roof	No	I
Several years	43	Driver	S	....	..	....	....	Fall of Roof	No	I
Several years	37	Miner	M	Yes	1	2	....	Fall of Roof	No	I
4 years	45	Tippleman	M	Yes	3	4	Workman's Comp	Railroad Car	No	O
6 years	27	Miner	S	....	..	....	....	Fall of Roof	No	I
7 years	25	Miner	S	....	..	....	....	Fall of Roof	No	I
3 years	22	Miner	S	....	..	....	....	Fall of Roof	No	I
1 year	17	Brakeman	S	....	..	....	....	Mine Car	No	I
....	25	Brakeman	M	Yes	1	2	....	Mine Car	No	O
18 years	42	Miner	M	Yes	4	5	50.00	Fall of Roof	No	I
10 years	28	Timberman	M	Yes	3	4	....	Fall of Roof	No	I
3 years	38	Miner	M	Yes	4	5	....	Fall of Roof	No	I
9 years	33	Trackman	M	....	..	....	....	Fell in trolley pole hole	No	O
2 years	21	Miner	S	....	..	....	....	Fall of Roof	No	I
15 years	34	Miner	M	Yes	4	5	....	Fall of Roof	No	I
....	20	Driver	S	....	..	....	....	Fall of Roof	No	I
11 years	46	Miner	M	Yes	7	8	400.00	Explosion of Shot	No	I
....	30	Laborer	M	Yes	3	4	400.00	Electrocuted	No	I
5 years	17	Motorman	S	....	..	....	....	Electrocuted	No	I
1 year	19	Machine Runner	S	....	..	....	50.00	Fall of Roof	No	I
....	19	Spragger	S	....	..	....	50.00	Mine Car	No	I
Several years	45	Coal Loader	M	Yes	5	6	50.00	Fall of Roof	No	I
2 years	34	Timberman	M	Yes	2	3	50.00	Fall of Roof	No	I
5 years	39	Coal Loader	M	Yes	4	5	....	Fall of Roof	No	I
....	19	Miner	S	....	..	....	....	Mine Car	No	O
4 years	28	Car Pusher	S	....	..	....	....	Fall of Roof	No	I
....	25	Miner	S	....	..	....	....	Fall of Roof	No	I
46 years	64	Miner	M	....	..	....	....	Fall of Roof	No	I
....	24	Machine Runner	M	Yes	2	3	....	Fall of Roof	No	I
....	52	Laborer	M	Yes	3	4	....	Mine Car	No	I
2 years	18	Motorman	S	....	..	....	....	Electric Locomotive	No	I
....	26	Trapper	S	....	..	....	....	Electric Locomotive	No	I
....	28	Brakeman	M	Yes	5	6	....	Electric Locomotive	No	I
....	20	Miner	S	....	..	....	....	Fall of Roof	No	I
Several years	17	Brakeman	S	....	..	....	....	Electric Locomotive	No	O
Several years	32	Coal Loader	M	Yes	5	6	....	Fall of Roof	No	I
3 years	22	Brakeman	M	Yes	1	2	....	Fall of Roof	Yes	I
4 years	29	Coal Loader	M	Yes	1	2	....	Fall of Roof	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Persons Killed	Date of		Nationality
				Injury	Death	
	MINGO COUNTY—Cont.					
399	Sycamore Coal Co	Cinderella	Adam Pocus	4-23-15	4-23-15	Russian
400	Sycamore Coal Co	Cinderella	Harry Hemphill	4-21-15	4-28-15	Negro
401	Thacker Coal & Coke Co	No. 11	Isador Kuriluk	7-29-14	7-29-14	Russian
402	Thacker Coal & Coke Co	No. 14	Walter Dameron	8-30-14	8-30-14	American
403	Thacker Coal & Coke Co	No. 3	Ersle McClure	12- 3-14	12- 3-14	American
404	Thacker Coal & Coke Co	No. 9	James Uchich	12-16-14	12-16-14	Hungarian
405	Thacker Fuel Co	No. 11	John Walters	6-24-15	6-24-15	Negro
406	War Eagle Coal Co	Pappoose	Aaron Lane	1- 7-15	1- 7-15	American
	MONONGALIA COUNTY					
407	Elkins Coal & Coke Co	No. 5	Giobbe (Joe) Cellini	8-19-14	8-19-14	Italian
408	Elkins Coal & Coke Co	Richard No. 1	Tony Ritchey	11-14-14	11-14-14	Italian
409	Elkins Coal & Coke Co	No. 5	Mike Schorbash	4-24-15	4-24-15	Hungarian
	NICHOLAS COUNTY					
410	Saxman Coal & Coke Co	Saxman No. 1	Kissme Paleta	12-15-14	12-15-14	Italian
411	Coalbell Coal Co	Trees No. 1	C. B. Holden	4-24-15	4-24-15	American
	OHIO COUNTY					
412	Elm Grove Coal Co	Elm Grove	George Mavros	2-15-15	2-15-15	Greek
413	Richland Coal Co	Richland	Ike Leasure	7-13-14	7-23-14	American
414	Richland Coal Co	Richland	George Arkon	10-28-14	10-28-14	Greek
415	Richland Coal Co	Richland	Manios Chalkios	6- 6-15	6- 6-15	Greek
	PRESTON COUNTY					
416	Elkins Coal & Coke Co	Bretz No. 2	Toney Kallassik	3-13-15	3-13-15	Austrian
417	Late Gordon B. Coal Co	No. 1	Jefferson B. Trickett	10-22-14	10-22-14	American
418	Irona Coal Co	No. 2	Julius Venoskey	11-23-14	11-23-14	Russian
419	Preston County Coke Co	No. 1	Joe Volocovich	7- 1-14	7-11-14	Horwat
420	Hiorra Coke Co	Vulcan	Stanley Stanock	6-28-15	6-28-15	Polish
	PUTNAM COUNTY					
421	Otto Marmet Coal & Mining Co.	Big Otto	Thomas J. Coleman	4- 6-15	4- 6-15	Negro
422	Plymouth Coal & Mining Co.	No. 4	Levi Kelley	7-24-14	8-20-14	American
423	Plymouth Coal & Mining Co.	Manilla	Clarence Pierce	6-21-15	6-21-15	Negro
	RALEIGH COUNTY					
424	Bailey-Wood Coal Co	Woodbay	R. K. Butler	11-24-14	12-18-14	American
425	Beckley Coal & Coke Co	Beckley	Ballard Taylor	7-22-14	7-22-14	American
426	City Coal Co	Combs	E. E. Hendrickson	1-16-15	1-16-15	American
427	Gulf Smokeless Coal Co	No. 2	John Shanty	9- 9-14	9- 9-14	Austrian
428	Gulf Smokeless Coal Co	No. 1	Peter Kuleck	9-22-14	9-22-14	Polish
429	Gulf Coal Co	No. 1	Elgie Ward	5-15-15	5-15-15	American
430	MacAlpin Coal Co	MacAlpin	Sam Kocka	10-30-14	10-30-14	Russian
431	McKell Coal & Coke Co	Oswald	Andy Ganlterri	7-21-14	7-21-14	Italian
432	McKell Coal & Coke Co	Tamroy	Steve Demarkstoney	8-13-14	8-13-14	Italian
433	McKell Coal & Coke Co	Tamroy	Bartholma Cannellas	8-19-14	8-19-14	Spanish
434	McKell Coal & Coke Co	Oswald	John Kubosey	10-23-14	10-28-14	Polish
435	McKell Coal & Coke Co	Tamroy	Benito Doninguer	1-16-15	1-16-15	Spanish
436	Raleigh Coal & Coke Co	No. 6	Frank Kincaid	12-24-14	12-24-14	American
437	Raleigh Coal & Coke Co	No. 3	Mike Mehalic	3-18-15	3-18-15	Polish
438	Raleigh Coal & Coke Co	No. 6	Toney Romeo	3-31-15	3-31-15	Italian
439	Slab Fork Coal Co	No. 3	W. L. Taylor	7-22-14	7-22-14	American
440	Stonewall Coal & Coke Co	Terry	Percy Smith	6-15-15	6-15-15	American
441	White E. E. Coal Co	No. 3	John Alah	7-22-14	7-22-14	Hungarian
442	White E. E. Coal Co	No. 2	Toney Bevizia	9-29-14	10-1-14	Italian
	RANDOLPH COUNTY					
443	Davis Colliery Co	Coalton No. 1	John Jambroski	7- 7-14	7- 7-14	Polish
	TAYLOR COUNTY					
444	Maryland Coal Co. of W. Va.	No. 2	Tony Aubi	7-30-14	8- 8-14	Italian
445	Maryland Coal Co. of W. Va.	No. 2	Louie Dell	10- 5-14	10- 6-14	Hungarian
446	Rosemont Coal Co	Rosemont	Joe Yurgo	4-19-15	4-19-15	Lithuanian
	TUCKER COUNTY					
447	Cooper, J. Calvin	Cooper	Richard Campbell	12-10-14	12-10-14	American
448	Davis Coal & Coke Co	No. 39	Dominie Forting	12-19-14	12-19-14	Italian
449	Davis Coal & Coke Co	No. 40	George Alkide	8-15-14	8-15-14	Italian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
5 years	55	Coal Loader	M	Yes	3	4	....	Fall of Roof	No	I
5 years	31	Brakeman	S	....	..	....	....	Mine Car	No	O
2 years	19	Miner	S	....	..	....	....	Fall of Roof	No	I
15 years	41	Machine Runner	M	Yes	4	5	....	Electrocuted	No	I
4 years	18	Brakeman	S	....	..	....	50.00	Electrocuted	No	I
....	27	Coal Loader	S	....	..	....	950.00	Fall of Roof	No	I
15 years	38	Coal Loader	S	....	..	....	....	Mine Car	No	I
Several years	57	Miner	M	Yes	1	2	....	Fall of Coal	Yes	I
10 years	30	Miner	M	Yes	1	2	Workman's Comp.	Electrocuted	Yes	I
4 years	21	Brakeman	S	....	..	....	Workman's Comp.	Mine Car	No	I
8 years	49	Miner	M	....	..	....	Workman's Comp.	Fall of Coal	No	I
6 months	17	Miner	S	....	..	....	....	Fall of Roof	No	I
7 years	30	Machine Man	M	Yes	1	2	....	Fall of Roof	No	I
....	21	Coal Loader	S	....	..	....	....	Electrocuted	Yes	I
....	..	....	..	....	..	....	....	Mine Car	No	I
5 months	25	Coal Loader	S	....	..	....	....	Fall of Roof	No	I
1 month	30	Coal Loader	M	Yes	1	2	....	Fall of Roof	No	I
....	27	Miner	S	....	..	....	Workman's Comp.	Fall of Coal and Roof	No	I
10 years	39	Miner	M	Yes	3	4	Wk. Comp. and 50.00	Fall of Roof	No	I
8 years	29	Miner	S	....	..	....	....	Fall of Roof	No	I
7 years	37	Laborer	M	Yes	4	5	....	Fall of Roof	No	I
9 years	36	Miner	M	Yes	3	4	....	Fall of Roof	No	I
10 years	47	Miner	M	....	..	....	3,000.00	Electrocuted	No	O
20 years	37	Miner	M	Yes	1	2	....	Fall of Roof	No	I
10 months	19	Miner	S	....	..	....	....	Fall of Roof	No	I
7 years	28	Motorman	M	Yes	3	4	50.00	Struck by flying Coal from Car	No	I
....	22	Trip Man	M	Yes	1	2	....	Mine Car	No	I
Several years	39	Miner	M	Yes	1	2	....	Fall of Roof	No	I
3 years	33	Miner	M	Yes	2	3	....	Mine Car	No	I
15 years	33	Miner	M	Yes	5	6	Workman's Comp.	Fall of Roof	Yes	I
2 years	23	Trackman	M	Yes	..	1	Workman's Comp.	Electric Locomotive	No	I
5 years	24	Miner	S	....	..	....	....	Fall of Roof and Coal.	Yes	I
2 years	19	Laborer	S	....	..	....	....	Fall of Coal and Roof.	No	I
2 months	13	Miner	M	Yes	2	3	....	Fall of Roof	No	I
3 years	36	Miner	M	Yes	1	2	....	Fall of Roof	No	I
17 months	16	Brakeman	S	....	..	....	....	Mine Car	No	I
....	21	Miner	S	....	..	....	....	Fall of Roof	No	I
4 years	42	Tippleman	M	Yes	4	5	....	Railroad Car	Yes	O
14 years	41	Miner	M	Yes	3	4	1,000.00	Electrocuted	No	I
....	21	Miner	S	....	..	....	....	Fall of Coal	No	I
10 years	30	Shot Firer	M	Yes	..	1	Wk. Comp. and 45.00	Explosion Dynamite	Yes	I
10 years	28	Miner	M	Yes	2	3	50.00	Fall of Roof	No	I
11 years	47	Miner	M	Yes	4	5	....	Electrocuted	No	I
3 years	30	Machine Helper	M	Yes	..	1	....	Mining Machine	No	I
10 years	45	Miner	M	Yes	4	5	Wk. Comp. and 400.00	Fall of Roof	Yes	I
1 year	17	Coupler	S	....	..	....	....	Mine Car	No	I
2 years	47	Coal Loader	M	Yes	4	5	....	Fall of Roof	No	I
16 years	43	Coal Loader	M	Yes	2	3	....	Fall of Roof	Yes	I
33 years	45	Miner	M	Yes	3	4	Workman's Comp.	Explosion of High Explosives	No	I
2 years	19	Miner	S	....	..	....	....	Fell off Cage down Shaft	No	I
4 months	25	Laborer	M	Yes	1	2	....	Mine Cage and falling down Shaft	No	O

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915

No.	NAME OF COMPANY	NAME OF	Name of Persons	Date of		Nationality
				Injury	Death	
	TUCKER COUNTY—Cont.					
450	Davis Coal & Coke Co.........	No. 39...........	Pete Orban..........	10- 9-14	10- 9-14	Italian.....
451	Davis Coal & Coke Co.........	No. 23...........	Ben Douglas.........	11- 4-14	11- 4-14	Negro.....
452	Davis Coal & Coke Co.........	No. 43...........	Dominick Joe........	12- 5-14	12- 6-14	Italian.....
453	Davis Coal & Coke Co.........	No. 24...........	Charles (Schmidt) Varnich............	12-16-14	12-16-14	Slavish....
454	Davis Coal & Coke Co.........	No. 38...........	Dominick Quatio.....	3-13-15	3-15-15	Italian.....
	UPSHUR COUNTY					
455	Buckhannon River C. & C. Co..	No. 2............	Parley Cutright......	1- 8-15	1- 8-15	American...

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	Inside or Outside
6 months	15	Chaser	S	....	..	....	....	Fall of Rock	No	I
4 years	38	Miner	M	Yes	1	2	400.00	Premature Explosion	No	I
4 years	25	Trackman	M	....	..	....	....	Run away Mine Car	No	I
9 years	34	Miner	M	Yes	3	4	400.00	Slid off coal into Chute	No	O
3 years	24	Trackman	M	Yes	2	3	....	Mine Car	No	I
....	22	Driver	S	....	..	....	....	Mine Car	No	I

FATAL ACCIDENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

BARBOUR COUNTY.

April 24, 1915.—John Shanks, American, Motorman and Laborer, Consolidation No. 37 Mine, The Consolidation Coal Company. He and his partner were engaged in hanging wire on 9th left heading when about 700 pounds of coal fell killing him instantly.

BOONE COUNTY.

April 16, 1915.—John Cola, Italian, Coal Loader, No. 1 Mine, Anchor Coal Company. While loading coal in No. 1 room on No. 3 left entry a piece of slate fell killing him instantly.

August 31, 1914.—Manuel George, Greek, Coal Loader, Seng Creek Mine, Seng Creek Coal Company. While dropping out a loaded car another car crashed into same crushing him.

October 16, 1914.—Charlie Miller, Negro, Coal Loader, Ramage Mine, The Spruce River Coal Company. On October 15, 1916, deceased was knocking out props to take down slate and was caught by falling slate injuring him internally, from which injuries he died next day.

July 30, 1914.—William Frost, English, Coal Miner, Webb Mine, Webb Coal Mining Company. His partner had fired two shots which had knocked out some timbers and he rushed back to see what shot had done and was caught by falling slate.

BROOKE COUNTY.

February 10, 1915.—Ignot Visci, Hungarian, Miner, Clifton No. 1 Mine, Clifton Coal Company. Deceased was electrocuted in 15th East entry.

August 3, 1914.—Ed. Elonzo, Italian, Driver, Beech Bottom Mine, Richland Block Coal Company. He was electrocuted by coming in contact with trolley wire.

January 7, 1915.—Joe Michael, Hungarian, Day Laborer, Outside, Beech Bottom Mine, Richland Block Coal Company. On January 6th he was sheaving a line with a tie, the line flew off sheave striking tie injuring him, from which injuries he died next day.

December 22, 1914.—Mike Yourevich, Servian, Roadman, LaBelle Mine No. 4, West Virginia-Pittsburg Coal Company. Was electrocuted by coming in contact with trolley wire.

CLAY COUNTY.

December 1, 1914.—Antonio Zimmerman, Austrian, Miner, Rich Run Mine, Elk River Coal & Lumber Company. Deceased was working in room taking out bottom coal when top coal fell on him killing him instantly.

February 8, 1915.—John Secona, Austrian, Motorman, Rich Run Mine, Elk River Coal & Lumber Company. Deceased fell under motor and same passed over him crushed his head, from which injuries he died instantly.

February 17, 1915.—Homer Walker, American, Machine Helper, Rich Run Mine, Elk River Coal & Lumber Company. Was instantly killed by fall of coal from face of number 7 room.

FAYETTE COUNTY.

July 30, 1914.—Angelo Menuch, Italian, Miner, No. 2 South Mine, Boomer Coal & Coke Company. He and his partner had lighted a shot on both ribs the right hand going off first and the injured man walked up to the second shot, when same exploded causing injury from which he died a few hours later.

October 14, 1914.—J. D. Marten, American, Machine Man, No. 2 North Mine, Boomer Coal & Coke Company. On September 28, 1914, deceased while shoveling dust from a mining machine was hit by a piece of coal which broke loose from the face of the seam, receiving injuries from which he died on the above date.

November 16, 1914.—C. L. Johnson, American, Brakeman, No. 4 Mine, Boomer Coal & Coke Company. Was killed by being caught between car and roof.

January 16, 1915.—Todd Kinney, Negro, Trip Rider Outside, Brown Mine, Brown Coal Company. On January 15, 1915, deceased was riding monitor up the hill when same was struck by another monitor throwing him on the track and fracturing his skull from which injury he died on the above date.

August 18, 1915.—Anderson Forbes, American, Coal Loader, No. 2 Mine, Cannelton Coal & Coke Company, was instantly killed by being caught between a loaded car and an empty about 40 feet from face of working place.

April 8, 1915.—Frank Benedict, Hungarian, Miner, Collins No. 3 Mine, Collins Colliery Company. Was killed by fall of slate while pulling down coal.

May 25, 1915.—C. B. Taylor, American, Motorman, outside, Dunn Loop Mine, New River Company. Deceased had lost control of his motor and trip on tramroad and in attempting to jump from motor received injuries from which he died a few hours later.

September 25, 1914.—James Seymour, American, Motorman, Buffalo Mine, Ephraim Creek Coal & Coke Company. Deceased was instantly killed by being run over by a loaded car coming down grade on entry.

September 6, 1914.—John Atkinson, American, Miner, Fire Creek Mine, Fire Creek Coal & Coke Company. On September 5, 1914, a run away trip caused the above injuries from which he died next day.

February 4, 1915.—James Barrett, American, Laborer, Ft. Defiance Mine, Ft. Defiance Coal & Coke Company. Deceased was loading slate on main entry; when slate fell killing him instantly.

July 9, 1914.—John Martin, American, Miner, Greenwood Mine, Greenwood Coal Company. Deceased was caught by fall of draw slate on July 8, 1914, and died next day.

June 29, 1915.—E. E. Hughart, American, Miner, Greenwood Mine, Greenwood Coal Company. Was killed by fall of slate.

February 23, 1915.—William Peyatte, American, Miner, Keeneys Creek Mine, Holiday Coal Company. Was killed by fall of draw slate in No. 1 room on 4th left off Woods entry.

August 18, 1914.—J. B. Beeghly, American, Miner, No. 2 Mine, Loup Creek Colliery Company. Deceased was making last cut finishing up breakthrough on August 17, 1914, when slab of slate fell on him causing injuries from which he died next day.

September 19, 1914.—Tony Panzaretta, Italian, Miner, No. 2 Mine, Loup Creek Colliery Company. Was killed by fall of slate while working on pillar.

October 1, 1914.—C. M. Tucker, American, Motorman, No. 2 Mine, Loup Creek Colliery Company. Was placing cars on 13th right airway and was caught by fall of slate between room number 3 and 4.

December 3, 1914.—Jake Dart, American, Miner, No. 2 Mine, Loup Creek Colliery Company. Deceased was caught by fall of slate in No. 12 room.

May 20, 1915.—Austin Raymond, American, Miner, No. 2 Mine; Loup Creek Colliery Company. Deceased was electrocuted while trying to pass gathering motor trip.

March 2, 1915.—Henry T. Bays, American, Miner, Lookout Mine, Lookout Coal & Coke Company. On February 24, 1915, deceased was tamping a shot of powder when same exploded causing injuries from which he died on the above date.

October 12, 1914.—William H. Nutter, American, Miner, Lynchburg Mine, Lynchburg Colliery Company. Deceased was killed by fall of slate while at work in his room.

September 8, 1914.—John Smith, Russian, Miner, Kilsyth Mine, McKell Coal & Coke Company. Was killed by fall of slate.

June 18, 1915.—Earl Turner, American, Driver Outside, Midvale Mine, Midvale Colliery Company. He was riding down incline and was thrown from a rail horse killing him instantly.

July 20, 1914.—Alfonso Ciriaco, Italian, Miner, Layland No. 2 Mine, New River & Pocahontas Consolidated Coal Company. Deceased was caught by fall of slate between rooms number 7 and 8 and was instantly killed.

September 7, 1914.—A. M. Stanley, American, Miner, Minden No. 2 Mine, New River & Pocahontas Consolidated Coal Company. On September 4, 1914, deceased had finished loading car and was standing in roadway between car and face of the coal and was caught by fall of slate causing injuries from which he died on the above date.

September 16, 1914.—J. H. Linkswiler, American, Pumpman, Minden No. 2 Mine, New River & Pocahontas Consolidated Coal Company. Deceased was struck by loaded trip and run over sustaining injuries from which he died.

November 14, 1914.—Paul Cooperage, Russian, Miner, Minden No. 2

Mine, New River & Pocahontas Consolidated Coal Company. Deceased was riding in empty car into his working place when car derailed causing slate fall by which he was instantly killed.

March 2, 1915.—A blown through shot at last breakthrough face No. 3 left, off main tunnel at Layland Mine, New River & Pocahontas Consolidated Coal Company, caused a dust explosion in which the following were killed:

Wilson Arlow, Russian, Miner; Stanton Arthur, American, Miner; John Atkinson, American, Sub Station Man; Rosario Attena, Italian, Miner; Frank Baird, Italian, Miner; Andy Bencic, Austrian, Miner; George Bencic, Slavish, Trip Runner; Peter Bencic, Austrian Pole, Miner; Fred Bunnett, American, Motorman; Weils Borsuk, Russian, Miner; Mike Bozach, Austrian, Miner; Dick Bryant, American, Miner; Andrew Butina, Austrian, Miner; Arthur Caldwell, American, Track Layer; Tory Carolla, Italian, Miner; Tony Chappano, Italian, Miner; Andy Clobuchar, Austrian, Miner; M. L. Day, Spanish, Miner; Tony Delatz, Austrian, Miner; Antonio Di-Tubio, Italian, Miner; Ed Donnally, American, Miner; Walton Dorsey, American, Motorman; Martin Fadeen, Russian, Miner; Dave Fadlowitz, Slavish, Trip runner; Mike Fedder, Russian, Miner; M. Ferris, Syrian, Miner; Vallie Fitzpatrick, American, Miner; Wm. Fitzpatrick, American, Miner; Joe Fleger, Bohemian, Miner; John Fleger, Bohemian, Miner; Locupo Fonklia, Russian, Miner; Guiseppe Garritano, Italian, Miner; Lige Gibson, American, Miner; Walter Gill, American, Trip runner; Edward Gilkerson, American, Miner; Aolio Gioncinto, Italian, Miner; Homer Goddard, American, Mining; Andre Graguric, Austrian, Miner; Mahood Hassen, Syrian, Miner; John Havard, American, Mine Boss; James Hornsby, American, Miner; Ignatz Hostonof, Russian, Miner; Dennis Hurley, American, Pumper; John Joswa, Austrian Pole, Track layer; Welsen Kessell, Russian, Miner; Amos Kincaid, American, Miner; Zahor Kiselon, Russian, Miner; Paul Klobuchar, Austrian, Miner; Kostanti Kostukervitz, Russian, Miner; John Knopich, Austrian, Miner; John Kopico, Austrian, Miner; Amtro Korchi, Polish Austrian, Miner; John Kucic, Russian, Miner; Virgil Lacy, American, Trip Runner; David Laird, Scotch, Miner; Mike Legeri, Miner; Henry Lowen, German, Miner; Martin Lynch, American, Miner; Joe Maranuchi, Italian, Miner; Chas. Marciano, Italian, Miner; Michele Mariano, Italian, Miner; Ben McDaniel, American, Miner; Charles McDaniel, American, Miner; George McDaniel, American, Miner; John McMillan, Scotch, Mine Foreman; John Miller, American, Miner; John Moody, American, Miner; Paul Morrison, Italian, Miner; John Mosik, Russian, Miner; Abe Myers, American, Motor Runner; Walson Navisky, Russian, Miner; Hobert Osborn, American, Trip Runner; Alex Otaka, Russian, Miner; Bunagukr Paguba, Russian, Miner; Flory Perry, Italian, Miner; Sebastiano Pakani, Italian, Miner; Robert Perry, Italian, Miner; Joe Petrowitz, Polish, Motorman; Steve Plesha, Slavish, Trip Runner; Louis Polatch, Austrian Slav, Track Layer; A. P. Ponton, American, Miner; Daniel Potapor, Russian, Miner; Frank Prochilo, Italian, Miner; Louis Prodonitz, Austrian, Miner; Alex Propolic, Russian, Miner; Clarence Quick, American, Trip

Runner; John Ricci, Italian, Stone Mason; Henry Richards, Welch, Track Layer; Salvatore Rotolo, Italian, Miner; Poru Ruziski, Russian, Miner; Toney Sandy, Italian, Miner; John Saul, American, Motor Runner; Thomas Saul, American, Motorman; John Salosky, Russian, Miner; Alfred Salvatore, Italian, Miner; L. L. Shaffer, American, Miner; J. E. Simons, American, Miner; J. H. Smith, English, Electrician; Frank Sowich, Austrian Polish, Slate Man; John Spolaric, Austrian, Miner; Jim Spariaco, Italian, Miner; Tom Spolaric, Austrian, Miner; Mike Suckes, Austrian, Miner; Wilson Susky, Russian, Miner; Mike Supanski, Russian, Miner; G. O. Weeks, American, Miner; Toney Weber, American, Track Layer; Nick Widmer, Austrian Slav, Stone Mason; John L. Wimmer, American, Miner; Chas. Zofinelli, Italian, Miner; Pete Zupanski, Russian, Miner; Unidentified.

March 2, 1915.—Abner Cooper, Negro, Store Porter, outside, Layland No. 3 Mine, New River & Pocahontas Consolidated Coal Company. Deceased was delivering groceries not far from driftmouth of mine when explosion as above given occured hurling him about 25 feet fracturing his skull, from which injury he died.

May 21, 1915.—Ed. Blackwell, American, Brakeman, Minden No. 23 Mine, New River & Pocahontas Consolidated Coal Company. He had uncoupled three empties from two loaded cars and was caught between car and rib and killed instantly.

January 27, 1915.—Pete Konoski, Polish, Miner, Sun No. 1 Mine, New River Collieries Company. Deceased was crushed by fall of slate and coal while making a cut at face of a pillar slab and instantly killed.

February 25, 1915—Mike Braditch, Montenegran, Shaft Laborer, Sun No. 2 Mine, New River Collieries Company. Deceased was in the employee of W. H. Hyde, contractor and was loading muck into bucket when he fell to bottom of shaft killing him instantly.

January 15, 1915.—Arthur Colston, American, Miner, Nichol Mine, Nichol Colliery Company. He was helding take slate down and was caught by fall of same crushing his skull causing instant death.

August 21, 1914.—Pete Hamlin, Spanish, Miner, Jones No. 3 Mine, Prudence Coal Company. Deceased was loading car when slate fell killing him instantly

February 1, 1915.—Harry T. Leach, English, Miner, Lyman No. 2 Mine, Prudence Coal Company. While mining coal on 2nd left entry deceased was caught by fall of slate killing him instantly.

April 21, 1915.—Steve Baronsky, Russian, Coal Loader, Lyman No. 2 Mine, Prudence Coal Company. Deceased was dropping empty car to the face of his working place and was caught between car and face of coal.

July 21, 1914.—Fred Norwordsky, Polish, Track Layer, Nos. 3 and 4 mine, Solvay Collieries Company. Deceased was caught between two cars and roof.

August 11, 1914.—James K. Darlington, American, Motorman, Westerly No. 1 Mine, Solvay Collieries Company. Deceased was backing up with the trolley pole in forward running position when pole left the wire. In trying to replace it his left hand caught between the wire and the top of the pole electricuting him.

April 1, 1915.—Joe Turk, German, Miner, No. 1 Mine, Solvay Collieries Company. Was caught by fall of slate at his working place receiving injuries from which he died a few hours later.

July 23, 1914.—William Bibb, Negro, Miner, Stone Cliff Mine, Stone Cliff Coal & Coke Company. Was crushed by fall of slate at his working place and instantly killed.

August 24, 1914.—William Powell, English, Brakeman, Summerlee Mine, The Stuart Colliery Company. Deceased was riding front end of trip when he fell off, two cars passing over him klling him instantly.

October 7, 1914.—Steve Anchew, Polish, Laborer, Summerlee Mine, The Stuart Colliery Company. He was taking down canvas in entry and was caught by fall of slate, same killing him instantly.

June 29, 1915.—Horan Morgan, English, Brakeman, Summerlee Mine, The Stuart Colliery Company. Was riding rear of motor with loaded trip and fell off, a loaded car pasing over him.

November 2, 1914.—Philip Howard, Negro, Brakeman, Lochgelly Mine. The Stewart Colliery Company. Deceased was electrocuted by coming in contact with trolley wire.

June 7, 1915.—David Kyle, Negro, Driver, Star Mine, Star Coal & Coke Company. Deceased was pulling car from pillar on main entry and was caught by fall of slate and instantly killed.

October 29, 1914.—Stanly Suchodolski, Austrian, Machine Runner, Star Mine, Star Coal & Coke Company. Deceased was electrocuted by coming in contact with a live wire while on his way out of the mine.

July 14, 1914.—Dewey Walker, American, Motor Brakeman, No. 112 Mine, Sunday Creek Coal Company. Deceased was riding on front end of motor trip and fell off, the front wheel of the first car running over him killing him instantly.

April 22, 1915.—Floyd Riley, American, Motor Brakeman, No. 112 Mine, Sunday Creek Coal Company. He was riding between two loaded cars and was caught between the roof and car killing him instantly.

January 12, 1915.—Charles A. Midkiff, American, Miner, Sugar Creek Mine, Sugar Creek Coal & Coke Company. On January 1, 1915, while working on first right entry No. 2 Mine top coal and slate fell crushing him, from which injuries he died on the above date.

January 14, 1915.—Wm. Hammons, American, Mine Foreman, Turkey Knob Mine, Turkey Knob Coal Company. On December 29, 1914, deceased was riding on top of Electric Locomotive and was caught between top of locomotive and roof receiving injuries from which he died on the above date.

July 11, 1914.—George Terris, Polish, Miner, Whipple Mine, White Oak Fuel Company. While undermining coal in No. 6 room same fell on him killing him instantly.

August 3, 1914.—William Say, American, Brakeman, Whipple Mine, White Oak Fuel Company. Was dropping loaded car to motor and in some manner got caught between car and rib, killing him instantly.

December 4, 1914.—Felix Janciski, Polish, Miner, Scarbro Mine, White Oak Fuel Company. On December 1, 1914, deceased was caught by fall of coal and slate while shearing top coal and received injuries from which he died on above date.

February 6, 1915.—By an explosion of gas at Carlisle Mine of the White Oak Fuel Company, the following were instantly killed:

Victor Cuminsky, Granish, Miner; William Cuminsky, Granish, Miner; Jack Custer, Polish, Miner; Frank Erstine, Polish, Miner; Andy Garten, Slavish, Miner; William Gray, American, Driver; Linusay Johnson, ————, Miner; Charles Kebert, Lithuanian, Miner; Albert Kopinski, Polish, Trapper; John Makeres, Hungarian, Miner; James Ora, Granish, Miner; Fred Pannel, American, Miner; Ollis Rex, Polish, Trapper; Mike Sonnenberg, German, Miner; Fred Solivay, Russian, Miner; Joe Sabola, Polish, Miner; Frank Smith, Slavish, Miner; Dayles Scarbro, American, Driver; Jack Souders, American, Miner; Montague Thomas, American, Miner; Leo Vitovich, Polish, Trapper.

February 10, 1915.—Remus Chandler, Negro, Miner, Carlisle Mine, White Oak Fuel Company. On February 6, 1915, deceased while riding on rear end of car fell from same fracturing his skull from which injury he died on above date.

March 3, 1915.—Adam Reimeris, Lithuanian, Machine Loader, Scarbro Mine, White Oak Fuel Company. Deceased was electrocuted by coming in contact with trolley wire.

March 27, 1915.—Stanley Delinsky, Lithuanian, Miner, Scarbro Mine, White Oak Fuel Company. Deceased was caught by fall of slate in room No. 5 on 8th right entry and instantly killed.

May 22, 1915.—John Ginins, Litvich, Miner, Whipple Mine, White Oak Fuel Company. While undermining coal he was caught by fall of same, crushing his arm and head, killing him instantly.

GILMER COUNTY.

December 16, 1914.—Rosco Mute, Italian, Miner, McCaa Mine, McCaa Coal Company. Deceased was caught by fall of slate while pulling down same in room No. 10 2nd right entry and was instantly killed.

HARRISON COUNTY.

November 3, 1914.—Mike Plypchuck, Russian, Machine Runner and Coal Loader, Consolidation No. 62 Mine, The Consolidation Coal Company. Deceased was electrocuted by coming in contact with live wire while attempting to put car on track.

November 21, 1914.—Lukon Pryslok, Polish, Loader, Consolidation No. 32 Mine, The Consolidation Coal Company. Deceased was caught by fall of slate and top coal while pulling props from old working place on 6th left off 2nd South.

December 15, 1915.—Shirley Leisure, American, Engineer Outside, Consolidation No. 29 Mine, The Consolidation Coal Company. Deceased was electrocuted while trying to replace burned out fuse on switch power at substation.

March 17, 1915.—B. E. Satterfield, American, Laborer, Consolidation No. 48 Mine, The Consolidation Coal Company. While removing props from a section of No. 6 room on 9th left entry deceased was caught by fall of coal and slate and instantly killed.

June 23, 1915.—Guibioth Luigi, Italian, Slateman, Consolidation No. 62 Mine, The Consolidation Coal Company. Deceased was killed on 1st left off 2nd North heading between rooms 5 and 6 while engaged in cleaning up fall of slate on the heading.

July 2, 1914.—William Hamrick, American, Trapper, Fayette Mine, Fayette Coal Company. Deceased was crushed between car and rib while attempting to jump on car against instructions.

July 28, 1914.—Lovro Marsich, Horwatt, Miner, Hutchinson No. 3 Mine, Hutchinson Coal Company. Deceased was crushed by fall of slate on No. 12 rib on 4th east heading and instantly killed.

August 20, 1914.—Ray Biropa, Italian, Miner, McCandlish Mine, Hutchinson Coal Company. On July 28, 1914, deceased was caught by fall of roof coal receiving injuries from which he died on above date.

September 5, 1914.—Salvatora Audia, (Sam Owl) Italian Miner, Righter Mine, Righter Coal & Coke Company. Deceased was caught by a blown out shot throwing him against rib about 15 feet away at first right heading No. 4 mine and received injuries from which he died a few hours later.

May 11, 1915.—Joe Muncie, Italian, Driver, Taylor No. 1 Mine, Taylor Collieries Company. Deceased was caught between mule and car causing inside hemorrhage from which he died later.

KANAWHA COUNTY.

September 14, 1914.—Jesse Williams, American, Laborer Outside, Cherokee Mine, Cabin Creek Consolidated Coal Company. Deceased was caught by runaway car which ran down the plain, jumping through the side of the tipple and caught him as he was running to get out of its way.

October 7, 1914.—Fred Miller, Russian, Coal Loader, United Gas Mine, Cabin Creek Consolidated Coal Company. Deceased was caught by fall of slate which fell between two posts while loading a car and received injuries from which he died a few hours later.

October 15, 1914.—Charles Dalton, American, Slateman, Black Tulip Mine, Cabin Creek Consolidated Coal Company. Deceased was taking down some slate when some loose slate fell, killing him instantly.

October 15, 1914.—Bert France, American, Brakeman, Black Tulip Mine, Cabin Creek Consolidated Coal Company. Deceased was sitting in the middle of the track where some men were taking down some slate, when same fell, killing him instantly.

November 13, 1914.—Mike Chapinel, Italian, Miner, United Splint Mine, Cabin Creek Consolidated Coal Company. Deceased was shoveling slate when a piece of same fell from roof, receiving injuries from which he died a few hours later.

January 12, 1915.—James Richards, American, Car Dropper Outside, Thistle Mine, Cabin Creek Consolidated Coal Company. Deceased was run over by mine car while attempting to board same and received injuries from which he died a few hours later.

April 20, 1915.—John Byzone, Polander, Coal Loader, Quarrier Mine, Cabin Creek Consolidated Coal Company. Deceased was loading car when slate fell from rib killing him instantly.

May 29, 1915.—Granville Brown, American, Helper on Tipple Outside, Raccoon No. 2 East Mine, Cabin Creek Consolidated Coal Company. Deceased was knocked off tipple by runaway from a distance of about 35 feet, receiving injuries from which he died a few hours later.

May 29, 1915.—Ben Likens, American, Motor Helper, United Gas Mine, Cabin Creek Consolidated Coal Company. On April 7, 1915, while dropping a trip of empties on parting the 3rd car from rear end of trip split the switch and deceased was caught by same receiving injuries from which he died on above date.

September 20, 1914.—Frank Stewart, American, Miner, No. 3 Mine, Campbells Creek Coal Company. On January 28, 1814, deceased was caught by fall of slate while in his working place and received injuries from which he died on above date.

November 21, 1914.—Samuel Flowers, American, Coal Loader, No. 1 Mine, Campbells Creek Coal Company. Deceased was struck by a motor on main entry while going to work, killing him instantly.

September 24, 1914.—John Andia, Italian, Miner, No. 3 Mine, Chesapeake Mining Company. Deceased was caught by fall of slate while in his working place and instantly killed.

November 11, 1914.—John W. Lawrence, American, Coal Loader, No. 1 Mine, Chesapeake Mining Company. Deceased was killed by premature explosion in room No. 49 in 7th right entry.

July 8, 1914.—Joseph Lytle, Scotch, Coal Loader, Imperial No. 1 Mine, Imperial Colliery Company. Deceased was caught by fall of slate while working on pillar and was instantly killed.

July 17, 1914.—James Lyons, American, Trapper, No. 2 Gas Mine, National Bituminous Coal & Coke Company. On July 9, 1914, deceased had evidently been asleep at the trap door on main haul way with one foot over rail when motor ran over it causing injuries from which he died on above date.

August 29, 1914.—Gorden Massie, American, Miner, Paint Creek Mine, Paint Creek Collieries Company. Deceased was caught between car and face of coal while in his working place and instantly killed.

October 23, 1914.—Sam Lee, American, Coal Loader, No. 101 Mine, Sunday Creek Coal Company. Deceased was working with his father loading coal when some loose slate fell, killing him instantly.

September 2, 1914.—Myles King, Negro, Miner, West Virginia No. 4 Mine, West Virginia Colliery Company. Deceased was electrocuted while on his way to work on 3rd right heading.

October 27, 1914.—Albert Collins, Negro, Miner, West Mine, Winifrede Coal Company. On August 26, 1914, deceased was caught by fall of slate from roof while loading coal.

June 5, 1915.—Ed. Williams, American, Miner, Outside, Horton Mine, Wyatt Coal Company. Deceased was caught by runaway cars on tipple and instantly killed.

LOGAN COUNTY.

March 26, 1915.—Albert Hoslerig, Negro, Tippleman Outside, Argyle Mine, Wyatt Coal Company. Was caught by runaway trip at bottom of incline and instantly killed.

June 7, 1915.—Charles Buzart, Hungarian, Track Layer, Argyle Mine, Wyatt Coal Company. Caught by fall of slate in room number 6 on 1st right and instantly killed.

March 14, 1915.—Mack Warehime, American, Carpenter, Dobra Mine, Coal River Coal & Coke Company. Deceased was working on overcast about 350 feet from mouth of entry and was caught by fall of slate receiving injuries from which he died a few hours later.

July 14, 1914.—Joe Butick, Slavish, Miner, Ethel No. 1 Mine, The Ethel Coal Company. Deceased was loading pillar coal when he was caught by fall of slate killing him instantly.

February 26, 1915.—Wiley Cook, Negro, Driver, Ethel No. 2 Mine, The Ethel Coal Company. Deceased was caught between roof and top of car while riding front end of loaded trip and was killed instantly.

December 22, 1914.—Valerin Condale, Roumanian, Miner, Switzer Mine, Island Creek Colliery Company. Deceased was dropping empty car to room face when car tipped throwing him against coal, killing him instantly.

September 2, 1914.—Rosia Wattott, Italian, Tippleman Outside, No. 4 Mine, Main Island Creek Coal Company. In dropping loads out from tipple two cars did not couple and deceased while attempting to couple same was instantly killed.

October 18, 1914.—Mike Hepcol, Roumanian, Coal Loader, No. 1 Mine, Monitor Coal & Coke Company. On October 17, 1914, deceased had tamped a shot and retired but later went back when same exploded causing injuries from which he died the next day.

April 12, 1915.—John Nisbet, Scotch, Motorman Outside, McGregor Mine, McGregor Coal Company. Deceased was caught between motor and cars, receiving injuries from which he died next day.

September 9, 1914.—George W. Wilson, American, Track Layer, Sharples Mine, Spruce Bend Coal Company. While laying a switch in No. 1 room 4th right heading deceased was caught by fall of slate and was instantly killed.

November 28, 1914.—Ray Early, American, Machineman, Spruce Valley Mine, Spruce Valley Coal Company. On November 25, 1914, deceased was caught in machine bitts in No. 9 room 2nd left entry and received injuries from which he died on the above date.

July 15, 1914.—Antel Paragh, Hungarian, Coal Loader, Island Creek No. 2 Mine, United States Coal & Oil Company. Deceased was caught by fall of slate in his working place while attempting to get tools after being warned not to do so by timber boss, and was instantly killed.

October 3, 1914.—Ignazio Grasso, Italian, Machine Helper, Island Creek No. 1 Mine, United States Coal & Oil Company. Deceased was electrocuted while attempting to put skid under machine his hand coming in contact with the contact button on the starting box.

October 6, 1914.—Frank Reichel, (Frank Regal), Polish, Coal Loader, Island Creek No. 10 Mine, United States Coal & Oil Company. Deceased was caught by fall of slate while loading his car and was instantly killed.

May 14, 1913.—Steve Reisenichler, Hungarian, Coal Loader, Island Creek No. 2 Mine, United States Coal & Oil Company. Deceased was electrocuted by coming in contact with trolley wire while attempting to pass between two cars at trap door at mouth of No. 6 entry.

January 4, 1915.—Jonah Burns, American, Timberman, Island Creek No. 8 Mine, United States Coal & Oil Company. Deceased had come into room to set some timber and was caught by fall of slate, same killing him instantly.

January 26, 1915.—John Burgess, American, Laborer, Virginia-Buffalo Mine, Virginia-Buffalo Coal Company. On December 31, 1914, deceased was caught between car and door post, receiving injuries from which he died on above date.

April 2, 1915.—James Darby, American, Coal Loader, Wilson Mine, The H. T. Wilson Coal Company. Deceased was riding to working place on gathering motor trip on 7th left entry when slate fell, killing him instantly.

January 25, 1915.—Mathias H. Brown, American, Machine Runner, Yuma Mine, The Yuma Coal & Coke Company. While attempting to set brakes on trip on main entry deceased was caught between car and rib and instantly killed.

MARION COUNTY.

July 2, 1914.—Frank Sharinsky, Polish, Miner, Consolidation No. 43 Mine, The Consolidation Coal Company. On February 25, 1914, deceased was caught by fall of slate about 40 feet from working place receiving injuries from which he died on above date.

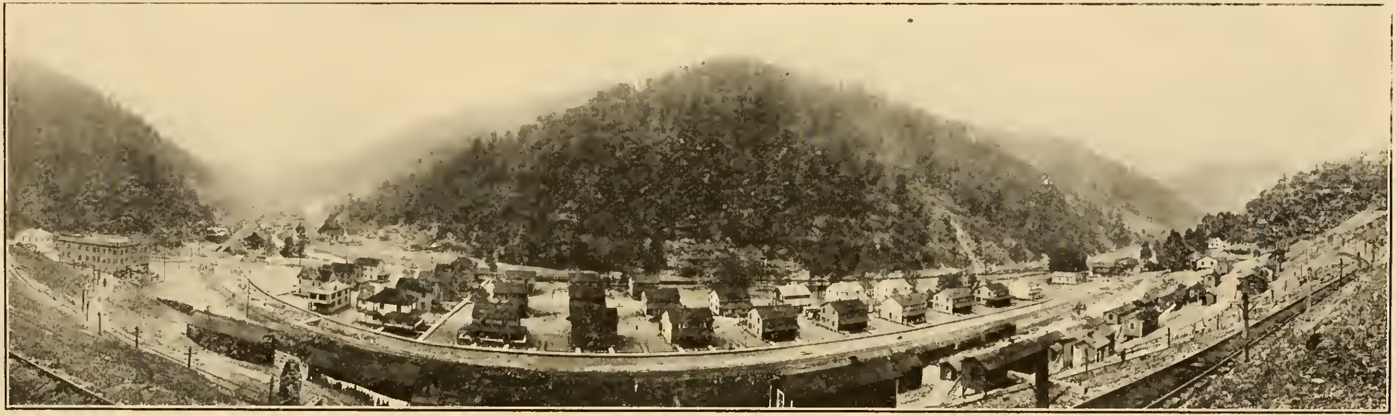
July 9, 1914.—Jim Pasquale, Italian, Driver, Consolidation No. 63 Mine, The Consolidation Coal Company. Deceased was placing an empty car and was standing with one foot inside car and the other on bumper and he was caught between car and rib and instantly killed.

August 25, 1914.—Pascoe Angella, Italian, Miner, Consolidation No. 26 Mine, The Consolidation Coal Company. Deceased and his partner were engaged in taking coal off a back stump when he was caught by fall of slate and instantly killed.

September 9, 1914.—Frank Knight, American, Brakeman, Consolidation No. 47 Mine, The Consolidation Coal Company. Deceased was riding in rear car of empty trip and in trying to climb out fell between the cars which passed over him, killing him instantly.

November 16, 1914.—Mike Urilla, Italian, Miner, Consolidation No. 43 Mine, The Consolidation Coal Company. Deceased was caught by fall of coal and slate while working on No. 11 pillar 4th left entry and instantly killed.

January 7, 1915.—Richard Adkinson, Negro, Coal Loader, Consolidation No. 26 Mine, The Consolidation Coal Company. On October 20, 1914, deceased was loading a car of coal when he was caught by a fall of head coal receiving injuries from which he died on above date.



Main Island Creek Coal Company

March 3, 1915.—Joe Ceilli, Slavish, Miner, Consolidated No. 63 Mine, The Consolidation Coal Company. Deceased was working on a pillar between rooms No. 10 and 11 on 6th right entry and while loading a car was caught by falling of slate, killing him instantly.

March 29, 1915.—John Reschick, Polish, Machine Miner, Consolidation No. 43 Mine, The Consolidation Coal Company. On March 27, 1915, deceased was caught by fall of slate while loading car in room No. 3 third left entry and received injuries from which he died on above date.

April 10, 1915.—Edward Pyles, American, Trapper, Consolidation No. 22 Mine, The Consolidation Coal Company. On April 8, 1915, deceased had left his working place and gone up the heading about 400 feet to a switch leading into room No. 9 and when the driver came out with a loaded car he was caught between car and rib receiving injuries from which he died on the above date.

May 19, 1915.—John Mikrut, Polish, Coal Loader, Consolidation No. 38 Mine, The Consolidation Coal Company. Deceased after being warned by driver not to get on car jumped on front end of trip and as the car was going around the turn into No. 1 right level he was thrown off, receiving injuries from which he died a few hours later.

May 22, 1815.—Adolph Wayno, Polish, Miner, Consolidation No. 43 Mine, The Consolidation Coal Company. Deceased was removing posts from 1st right when he was caught by a fall of roof coal and slate and instantly killed.

May 22, 1915.—Evan Yelorica, Slavish, Miner, Consolidation No. 47 Mine, The Consolidation Coal Company. Deceased and his partner were pulling out head stumps when he was caught by a fall of head coal and slate and instantly killed.

June 2, 1915.—Carmine Demarry, Italian, Driver, Consolidation No. 47 Mine, The Consolidation Coal Company. While riding on front end of loaded trip deceased was instantly killed when same ran into trap door.

June 18, 1915.—Luigi Olivito, Italian, Driver, Consolidation No. 22 Mine, The Consolidation Coal Company. Deceased while working with another driver was run over by loaded trip and instantly killed.

June 26, 1915.—Steff Pappas, Greek, Miner, Consolidation No. 26 Mine, The Consolidation Coal Company. Had driven a place through a small slab of coal and in order to make the place fall had struck the back stump several times when he was caught by fall of head coal receiving injuries from which he died a few hours later.

July 30, 1914.—Steve Zwijouz, Polish, Scraper, Federal Mine, Federal Coal & Coke Company. On July 28, 1914, deceased was caught by fall of face coal, receiving injuries from which he died on above date.

July 24, 1914.—Charles Huppock, Russian, Coal Loader, Annabelle Mine, Four States Coal & Coke Company While attempting to drop a loaded wagon from working place deceased fell in front of car, sustaining injuries from which he died within an hour.

October 19, 1914.—William Stannard, English, Laborer, Annabelle Mine, Four States Coal & Coke Company. Deceased was helping repair trap door and was struck by a trip of cars when car jumped the track, killing him instantly.

June 8, 1915.—Tony Chienzi. Italian, Driver, Annabelle Mine, Four States Coal & Coke Company. While working in an entry carrying 18 inches of head coal deceased was caught by fall of slate and instantly killed.

July 15, 1914.—Willis Hissom, American, Miner, No. 4 Mine, Harry B. Coal Company. Deceased was caught by fall of slate and coal in split between rooms No. 5 and 6 on main heading and instantly killed.

December 3, 1914.—James Curry, English, Slateman and Timberman, Jamison No. 9 Mine, Jamison Coal & Coke Company. This man was cleaning up fall of slate when another fall of loose slate caught him, killing him instantly.

December 19, 1914.—Mike Krezsto, Bulgarian, Coal Loader, Jamison No. 7 Mine, Jamison Coal & Coke Company. On December 15, 1914, deceased was caught between car and rib by a derailed car, receiving injuries from which he died on above date.

January 13, 1915.—Frank Boshac, Austrian, Laborer, Outside, Jamison No. 9 Mine, Jamison Coal & Coke Company. Deceased was caught by loaded car about 100 feet below tipple which run over him, killing him instantly.

May 14, 1915.—T. Y. Jones, American, Timberman, Jamison No. 8 Mine, Jamison Coal & Coke Company. On May 13, 1915, deceased was removing roof coal and slate to put up trolley wire when the slate fell, receiving injuries from which he died next day.

May 21, 1915.—Wcoskovich, (George) Hungarian, Slateman, Jamison No. 9 Mine, Jamison Coal & Coke Company. Deceased was caught by fall of slate and empty car.

May 29, 1915.—Frank Holupki, Austrian, Slateman, Jamison No. 9 Mine, Jamison Coal & Coke Company. Was caught by fall of slate while cleaning up another fall and instantly killed.

May 29, 1915.—John Lucas, Roumanian, Slateman, Jamison No. 9 Mine, Jamison Coal & Coke Company. Deceased was helping to get Frank Holupki, whose death is noted above, from under a slate fall when another fall came, killing him instantly.

December 5, 1914.—James Audia, Italian, Miner, Kingmont Mine, The Virginia & Pittsburgh Coal & Coke Company. On December 3, 1914, deceased was taking out stump on No. 34 rib left heading when he was caught by fall of slate receiving injuries from which he died on the above date.

MARSHALL COUNTY.

August 21, 1914.—Joseph Baker, Polish, Miner, Panama Shaft, Ben Franklin Coal Company of West Virginia. Deceased was caught by fall of slate and instantly killed.

August 29, 1914.—Joseph Chynat, Polish, Coal Loader, Hitchman Mine, Hitchman Coal & Coke Company. Deceased was electrocuted while attempting to board empty mine wagon to ride in to his work.

November 23, 1914.—Mike Wenovich, Horwat, Coal Loader, Hitchman Mine, Hitchman Coal & Coke Company. Deceased had just finished up a cut and a few bushel of coal was left in one corner of the room and in attempting to get it he was caught by a fall of slate, killing him instantly.

February 23, 1915.—William Murray, Irish, Coal Loader, Hitchman Mine, Hitchman Coal & Coke Company. While shoveling the loose coal from under the slate it fell, killing him instantly.

McDOWELL COUNTY.

August 24, 1914.—Will Graves, Negro, Sprager, Algoma Mine, Algoma Coal & Coke Company. While pulling car from room same wrecked, throwing him between car and roof, killing him instantly.

August 26, 1914.—David Menus, Italian, Miner, Arlington Mine, Arlington Coal & Coke Company. Deceased was caught by fall of slate in No. 10 room receiving injuries from which he died a few hours later.

March 26, 1915.—Edward L. Honaker, American, Assistant Mine Foreman, Ashland Mine, Ashland Coal & Coke Company. Deceased was electrocuted by coming in contact with a live wire while changing trolley pole.

April 12, 1915.—John A. Greer, American, Assistant Mine Foreman, Ashland Mine, Ashland Coal & Coke Company. Deceased was electrocuted by coming in contact with live wire while crossing entry.

March 5, 1915.—George Smith, Negro, Coal Loader, Black Wolf Mine, Black Wolf Coal & Coke Company. Deceased was instantly killed by being caught by fall of slate on main entry.

September 19, 1914.—Herman Palovney, Russian, Track Helper, Bottom Creek No. 1 Mine, Bottom Creek Coal & Coke Company. On September 18, 1914, deceased while working on No. 10 entry was caught by fall of slate, receiving injuries from which he died next day.

July 22, 1914.—E. W. Cook, American, Miner, Thelma Mine, Carter Coal Company. Deceased was caught by fall of slate and instantly killed.

September 17, 1914.—Joe Cassole, (Jim Rose) Italian, Miner, Nora Mine, Carter Coal Company. Deceased was caught by fall of slate in No. 2 room 2nd right entry and instantly killed.

November 22, 1914.—C. B. Riddle, American, Brakeman, Thelma Mine, Carter Coal Company. Deceased was caught between motor and roof in 7th right air course heading and instantly killed.

December 28, 1914.—Sam Lopinsena, Italian, Miner, Six Mine, Carter Coal Company. On December 15, 1914, deceased was caught by a runaway mine car, receiving injuries from which he died on above date.

April 12, 1915.—Santo Boschain, Italian, Miner, Caretta Mine, Carter Coal Company. Deceased was caught by run away trip and crushed between trip and rib killing him instantly.

May 23, 1915.—Alex Slufco, Slavish, Miner, Six Mine, Carter Coal Company. On May 18, 1915, deceased was caught by a runaway car in air course, being caught by car at face of coal and received injuries from which he died on above date.

June 8, 1915.—Elmer Bowles, American, Brakeman, Six Mine, Carter Coal Company. Deceased was riding between two cars on 8th left entry and was caught between car and roof receiving injuries from which he died a few hours later.

May 7, 1915.—Joe Leftwich, American, Miner, No. 1 Mine, Central Pocahontas Coal Company. Deceased was making cut in middle of coal in No. 4 room on main entry and was caught by fall of top coal, receiving injuries from which he died a few hours later.

February 16, 1915.—Mike Perrish, Austrian, Miner, Crozer No. 1 Mine, Crozer Coal & Coke Company. On February 5, 1915, deceased was standing between mine car and coal loading car, when car started, mashing him between car and coal, from which he received injuries resulting in his death on above date.

April 17, 1915.—J. Fred Mabrey, American, Contractor, No. 1 Mine, Davy-Pocahontas Coal Company. Deceased was instantly killed by an explosion of gas in mouth of No. 4 room on straight entry leading to heading.

April 17, 1915.—Dennis Wisecup, American, Driver No. 1 Mine, Davy-Pocahontas Coal Company. Deceased was killed in same accident noted above.

April 17, 1915.—James Whitten, American, Contractor, No. 1 Mine, Davy-Pocahontas Coal Company. Deceased was instantly killed in same gas explosion as noted in the two preceding items.

June 10, 1915.—Peyton Terry, Negro, Driver, Elk Horn Mine, Elk Horn Coal & Coke Company. Deceased was caught between car and rib in mouth of number 4 room while riding front end of loaded car and was instantly killed.

February 27, 1915.—Nicolaon G. Pasharis, Greek, Miner, Elk Ridge Mine, Elk Ridge Coal & Coke Company. Deceased was shoveling coal into a car in room No. 4 when he was caught by fall of slate and instantly killed.

August 12, 1914.—Staneslaw Kosusky, Polish, Coal Loader, Empire Mine, The Empire Coal & Coke Company. Deceased was caught by fall of slate while taking down loose coal and instantly killed.

April 29, 1915.—Harry Aneschuck, Galacian, Coal Loader, Empire Mine, The Empire Coal & Coke Company. Deceased was pulling coal from face and was caught by fall of same and instantly killed.

December 7, 1914.—S. J. Burnett, Negro, Miner, No. 38 Mine, Excelsior Pocahontas Coal Company. Deceased was caught by fall of slate receiving injuries from which he died same day.

February 16, 1915.—Robert Wilson, Negro, Brakeman, Olmstead Mine, Houston Collieries Company. Deceased was instantly killed by falling in front of a loaded trip at bottom of test entry.

April 13, 1915.—Mike Kesler, Slavish, Miner, Carswell Mine, Houston Collieries Company. Deceased was instantly killed by being caught between car and face of coal in No. 1 room.

November 3, 1914.—George Ingole, American, Fireman Outside, Huger Mine, Houston Collieries Company. Deceased was instantly killed by being scalded at power house when valve blew off from boiler.

August 10, 1914.—George Richards, American, Miner, No. 2 Mine, J. B. B. Coal Company. Deceased was killed by fall of slate caused by his failure to set posts.

November 13, 1914.—Mosco Marko, Italian, Miner, No. 3 Mine, J. B. B. Coal Company. While working at the face of No. 3 room deceased was caught by fall of slate, killing him instantly.

April 1, 1915.—Alex Mitchell, Negro, Miner, No. 2 Mine, J. B. B. Coal Company. Deceased was instantly killed by fall of slate in No. 1 room on 12th left entry.

October 27, 1914.—Jonce England, American, Miner, Johns Branch Mine, Johns Branch Coal Company. Deceased was caught by fall of slate at No. 9 stump and instantly killed.

January 29, 1915.—Joe Wolbosh, Hungarian, Miner, No. 1 Mine, Keystone Coal & Coke Company. On January 26, 1915, deceased was caught by fall of slate at No. 12 heading receiving injuries from which he died on above date.

February 12, 1915.—Chririlla Bricilla, Italian, Miner, No. 1 Mine, Keystone Coal & Coke Company. On February 8, 1915, deceased was caught by fall of slate in No. 6 room, No. 3 entry receiving injuries from which he died on above date, pneumonia developing which was the direct cause of his death.

February 12, 1915.—W. O. Brooks, American, Brakeman, No. 1 Mine, Keystone Coal & Coke Company. On February 11, 1915, deceased was riding loaded cars from mine to tipple and had set brake on one car, jumped off and attempted to catch another car when he lost his hold, receiving injuries from which he died next day.

June 1, 1915.—Mike Rudy, Russian, Miner, No. 1 Mine, Keystone Coal & Coke Company. Deceased was caught by fall of slate in No. 8 room on No. 24 entry and instantly killed.

May 31, 1915.—Dewey Hoffman, American, Motor Brakeman, Virginia Mine, Kimball Pocahontas Coal Company. Deceased was caught by fall of slate while motor was pulling a load from face of 2nd air course and instantly killed.

January 3, 1915.—John Caruso, Austrian, Miner, King Mine, King Coal Company. On December 30, 1914, while deceased was at his working place he was caught by fall of coal from working face and received injuries from which he died on above date.

April 7, 1915.—John Bellis, English, Fireboss, King Mine, King Coal Company Deceased was standing beside car leaning over it when he was caught by fall of slate and instantly killed

April 24, 1915—Sam Chirella, Italian, Slateman, King Mine, King Coal Company Deceased was caught by fall of slate when stepping out of track to allow car to pass and was instantly killed

February 18, 1915.—John Barksdale, Negro, Coal Loader, Lathrop Mine, Lathrop Coal Company. On February 16, 1915, deceased was loading coal in room when he was caught by fall of slate receiving injuries from which he died on above date.

September 29, 1914.—Phota Soptor, Italian, Track Layer, Lynchburg Mine, Lynchburg Coal & Coke Company. Deceased was caught by fall of slate while working on entry and instantly killed.

August 1, 1914.—James Jacobs, Hungarian, Miner, McDowell Mine, McDowell Coal & Coke Company. Deceased was caught by fall of slate on entry and received injuries from which he died a few hours later

October 21, 1914.—William Shultz, Lithuanian, Bratticeman, Havaco Mine, New River & Pocahontas Consolidated Coal Company. Deceased was run over by motor and was instantly killed.

November 11, 1914.—John Haden, Negro, Brakeman, No. 2 Mine, New River & Pocahontas Consolidated Coal Company. Deceased was caught between motor and cars and instantly killed.

December 31, 1914.—Peter Toney, Italian, Miner, Berwind No. 2 Mine, New River & Pocahontas Coal Company. Deceased was caught by fall of slate while drawing pillars on 1st left cross entry and instantly killed.

April 30, 1915.—D. Presenon, Italian, Miner, Havaco Mine, New River & Pocahontas Consolidated Coal Company. Deceased was caught between mine car and face of coal while loading same and was instantly killed.

November 23, 1914.—Henry Hereford, Negro, Miner, No. 1 Mine, Page Coal & Coke Company. Deceased was caught by fall of slate in No. 26 room, 3rd entry and was instantly killed.

November 27, 1914.—Philander Gray, Negro, Trapper and Flagman, No. 3 Mine, Page Coal & Coke Company. Deceased was killed by being run over by mine car at No. 18 room 3rd right entry.

June 1, 1915.—George Coovish, Russian, Laborer, No. 1 Mine, Page Coal & Coke Company. While attempting to pull down a piece of draw slate, under which there was a post, he knocked out post and was caught by fall of slate, killing him instantly.

August 7, 1914.—Lee Lawson, American, Engineer Outside, Peerless Mine, Peerless Coal & Coke Company. Deceased was instantly killed when a bridge fell, throwing him under engine.

July 30, 1914.—Pete Desanto, Italian, Miner, Delta Mine, Pocahontas Consolidated Colliery Company, Inc. On July 30, 1914, deceased was caught by fall of slate on No. 3 heading and received injuries from which he died next day.

August 27, 1914.—Jim Williams, Negro, Brakeman Outside, No. 8-1 Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was electrocuted by coming in contact with trolley wire while attempting to couple motor to trip.

September 3, 1914.—Sidney E. Harmon, American, Machine Helper, No. 8 Mine, Pocahontas Consolidated Collieries Company, Inc. On September 1, 1914, deceased was caught by fall of slate on main entry on 7-1 entry receiving injuries from which he died on above date.

September 2, 1914.—Sonny Daniels, Negro, Motorman, Delta Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was run over by motor while coming down main entry and instantly killed.

September 23, 1914.—Frank Carrida, Italian, Miner, Lick Branch Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was at work on No. 15 pillar when a shot fired on No. 14 caused the coal to fall on him, killing him instantly.

October 3, 1914.—Robert Irving, Negro, Machine Helper, Shamokin Mine, Pocahontas Consolidated Collieries Company, Inc. On October 3, 1914, deceased was caught by fall of slate in working place and killed instantly.

October 6, 1914.—Pete Augue, Russian, Miner, No. 6-8 Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was going down entry toward the outside when loaded trip of cars was standing on entry which he undertook to cross and came in contact with live trolley wire electrocuting him.

October 27, 1914.—Pete Yati, Italian, Miner, Angle Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was caught by fall of slate at mouth of No. 3 room while loading coal and was instantly killed.

October 28, 1914.—Nick Sama, Italian, Laborer, Rolfe Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was caught by fall of slate while cleaning up slate and was instantly killed.

February 16, 1915.—Louis Satmyr, Hungarian, Miner, West Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was starting home and went through breakthrough when slate fell, killing him instantly. instantly.

February 20, 1915.—John Settle, Negro, Brakeman Outside, Shamokin Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was riding trip when same wrecked on trestle, throwing him to the ground, killing him instantly.

April 16, 1915.—Paul Abbington, Negro, Brakeman Outside, Norfolk Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was riding on side of motor near front and jumped oc to throw switch when he fell, motor passing over him.

June 1, 1915.—John Rup, Polish, Miner, Lick Branch Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was caught by fall of slate in No. 14 room, 8th entry and instantly killed.

June 2, 1915.—Robert Cheatham, Negro, Miner, Rolfe Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased was loading coal in mine car when he was caught by fall of slate, killing him instantly.

June 19, 1915.—John Noroc, Austrian, Miner, Delta Mine, Pocahontas Consolidated Collieries Company, Inc. On June 18, 1915, deceased was caught by fall of slate while loading a car on No. 1 dip heading and received injuries from which he died next day.

December 16, 1914.—Sam Sporkman, American, Miner, Slick Rock Mine, Pocahontas Smokeless Coal Company. Deceased had fired a shot and returned to working place when he was caught by fall of slate and instantly killed.

January 20, 1915.—William Booten, Negro, Miner, No. 1 Mine, Premier Pocahontas Collieries Company. Deceased was riding car out of mine when same wrecked, catching him between car and rib and killing him instantly.

May 26, 1915.—Loige Corporale, Italian, Miner, No. 3 Mine, Premier Pocahontas Collieries Company. Deceased was caught by fall of slate while working at the face of room No. 17 and instantly killed.

August 14, 1914.—Philip Hodnett, American, Brakeman, No. 2 Mine, Pulaski Iron Company. Deceased was run over by motor while attempting to place trolley pole on wire when he fell under same.

August 17, 1914.—W. G. Jonas, American, Brakeman, No. 2 Mine, Pulaski Iron Company. Deceased was riding front end of car on trip going down grade on 36 left entry when same collided with heavy fall of slate crushing his skull and killing him instantly.

August 31, 1914.—James Adams, American, Pop-shooter, No. 2 Mine, Pulaski Iron Company. Deceased was caught by fall of slate in No. 5 room on 3rd cross entry and instantly killed.

November 17, 1914.—Moon Pointili, Roumanian, Slateman, Shawnee Mine, Shawnee Coal & Coke Company. Deceased was preparing to shoot some slate in No. 20 room, No. 4 entry when same fell, killing him instantly.

December 18, 1914.—Miles Pharr, American, Miner, Big Sandy Mine, Solvay Collieries Company. Deceased was boring hole in coal preparatory to making shot when slate fell, causing injuries from which he died next day.

August 14, 1914.—Joe Baroska, Italian, Coal Loader, Standard Pocahontas Mine, The Standard Pocahontas Coal Company. On August 13, 1914, deceased was cutting a post for the purpose of supporting a piece of slate and took a position right under slate when it fell, causing injuries from which he died next day.

September 16, 1915.—Arcadu Antonio, Italian, Miner, Superior No. 1 Mine, Superior Pocahontas Coal Company. Deceased was caught by fall of slate while loading a car and was instantly killed.

April 12, 1915.—John Culurden, Greek, Miner, No. 4 Mine, Superior Pocahontas Coal Company. Deceased had shifted an empty car on the entry from one room to take it to his room when he came in contact with live wire, electrocuting him.

May 26, 1915.—Harry Dunbar, American, Miner, No. 2 Mine, Superior Pocahontas Coal Company. Deceased was caught by fall of slate while working on chain pillar on 4th left entry and instantly killed.

July 21, 1914.—James Freeman, Negro, slateman, Tidewater Mine, Tidewater Coal & Coke Company. Deceased had pulled down a brow and was cleaning it up when slate fell, killing him instantly.

December 9, 1914.—Adam Barnhart, Negro, Slateman, Tidewater Mine, The Tidewater Coal & Coke Company. Deceased, together with others, was cleaning us slate on 15th cross entry off of 6th north when he was caught by fall of slate, killing him instantly.

December 23, 1914.—Joe Rotilio, Italian, Miner, Tidewater Mine. The Tidewater Coal & Coke Company. Deceased was working at face making a cut in room No. 38, 10th cross entry and was caught by fall of slate, killing him instantly.

October 1, 1914.—R. H. Jones, Negro, Miner, Upland Mine, Upland Coal & Coke Company. Deceased was caught by fall of slate in room No. 43, 11th entry and was instantly killed.

December 10, 1914.—Gus McDowell, Negro, Driver, No. 5 Mine, United States Coal & Coke Company. This accident was caused by car striking post and knocking out slate which fell on deceased, killing him instantly.

June 3, 1915.—Alex Tycre, American, Miner, Cambridge Mine, Vaughan Construction Company, Inc. Deceased was caught by fall of slate on 3rd cross off of main butt entry and instantly killed.

MERCER COUNTY.

June 3, 1915.—Eugene Coccia, Italian, Laborer Outside, Pinnacle Mine, American Coal Company. On May 28, 1915, deceased was coupling cars when he was caught between same, receiving injuries from which he died on above date.

December 24, 1914.—Lewie Viztak, Hungarian, Miner, Buckeye Mine, Buckeye Coal & Coke Company. Deceased was caught by fall of sandstone about 7 feet square and instantly killed.

May 8, 1915.—Charlie Sampel, Hungarian, Miner, Buckeye Mine, Buckeye Coal & Coke Company. While he and his partner were loading a car at the face of their working place deceased was caught by fall of slate, killing him instantly.

February 23, 1915.—Moses Magsby, Negro, Miner, Goodwill Mine, Louisville Coal & Coke Company. Deceased was caught by fall of slate about 6 feet wide and 10 feet long, killing him instantly.

January 15, 1915.—Floyd Williamson, Brakeman, Tug River Mine, Mill Creek Coal & Coke Company. On January 14, 1915, deceased jumped from front car of empty trip when he fell and cars caught him, receiving injuries from which he died next day.

March 11, 1915.—Walter Cartwright, American, Laborer Outside, Mill Creek Mine, Mill Creek Coal & Coke Company. Deceased was braking on steam locomotive when he attempted to climb over loaded cars and coming in contact with guide wire which knocked him between cars and same passing over him, killing him instantly.

April 15, 1915.—Tom Jackson, Negro, Miner, West Fork Mine, Mill Creek Coal & Coke Company. Deceased had started to cut into pillar and had fired a shot when some small pieces of loose slate fell into the car. While attempting to clean car he was caught by fall of slate, killing him instantly.

October 22, 1914.—John L. Edwards, American, Timberman, Pawama No. 2 Mine, Pawama Coal & Coke Company. Deceased was caught by fall of slate while taking out stump and instantly killed.

December 7, 1914.—A. F. Cecil, American, Miner, Pawama No. 2 Mine, The Pawama Coal & Coke Company. Deceased was loading coal in No. 4 room off No. 10 entry when he was caught by fall of slate, killing him instantly.

March 4, 1915.—Julius Dalton, Negro, Trackman Outside, Caswell Creek Mine, Pocahontas Consolidated Collieries Company, Inc. Deceased fell in trolley hole, receiving injuries from which he died same day.

September 29, 1914.—Edwin Vivian Walker, American, Miner, Spring Mine, Solvay Collieries Company. Deceased was splitting the entry stump between rooms No. 7 and 8, Perdue entry when he was caught by fall of slate and instantly killed.

September 29, 1914.—Ephum Eldred Walker, American, Miner, Spring Mine, Solvay Collieries Company. Deceased was splitting the entry stump between 7 and 8 room, Perdue entry when he was caught by fall of slate and instantly killed.

June 28, 1915.—Irving Garland, Negro, Driver, No. 2 Mine, The Thomas Coal Company. Deceased was taking a loaded car from room No. 8, at entry when car wrecked, knocking down a prop and he was caught by fall of slate, killing him instantly.

MINERAL COUNTY.

January 4, 1915.—Stephen Barnes, English, Miner, No. 20 Mine, Davis Coal & Coke Company. Deceased and partner were in their working place and had placed a shot which had failed to fire, they had then placed another shot when his partner, thinking he had come back from the face fired the shot and deceased received injuries from which he died same day.

January 18, 1915.—George Copp, American, Laborer, No. 19 Mine, Davis Coal & Coke Company Deceased was electrocuted by coming in contact with trolley wire while attempting to couple cars on main heading at 3rd right lay-off

MINGO COUNTY.

July 16, 1914.—Lovel Chapman, American, Driver, No. 1 Mine, Crystal Block Coal & Coke Company. Deceased was standing on motor and had leaned over to place trolley pole under hook when his head came in contact with trolley wire, electrocuting him.

September 18, 1914.—Major Foley, American, Machine Runner, Glen Alum Mine, Glen Alum Coal Company. On September 14, 1914, deceased was running his machine when he saw that slate was likely to fall, started to reverse his machine but before he could do so slate caught him and he received injuries from which he died on above date.

April 27, 1915.—Toney Natoney, Italian, Sprager, No. 1 Mine, Glen Alum Coal Company. Deceased was trying to board front end of moving car when he missed his footing, fell and was rolled under car, killing him instantly.

June 9, 1915.—Frank Corsis, Hungarian, Coal Loader, No. 3 Mine, Glen Alum Coal Company. Deceased was picking coal off the rib in No. 2 room, 2nd left air course when slate fell, killing him instantly.

June 14, 1915.—Sabot Bingo, Italian, Timberman, No. 1 Mine, Glen Alum Coal Company. Deceased had come to his place to take down some slate that was loose but was supported by posts, he knocked out posts with an axe and was caught by fall of slate and instantly killed.

July 16, 1914.—Robert L. Hale, American, Coal Loader, Mary Helen Mine, Mary Helen Coal Company. Deceased was working on a pillar and after having fired his shot went back to load car when he was caught by fall of slate, killing him instantly.

September 20, 1914.—Glock York, American, Miner Outside, Magnolia Mine, Magnolia Coal & Coke Company. On September 18, 1914, deceased was in the act of getting on moving locomotive running at about eight miles per hour and fell between cars, receiving injuries from which he died on above date.

October 2, 1914.—Dave Evana, American, Car Pusher, Magnolia Mine, Magnolia Coal & Coke Company. Deceased was coming out breakthrough and had stopped to fix snatch block to pull loaded car out of same, when slate fell, killing him instantly.

October 15, 1914.—Linsey Hall, American, Miner, Magnolia Mine, Magnolia Coal & Coke Company. Deceased was shoveling slack after a puncher machine when he was caught by fall of slate and instantly killed.

December 15, 1914.—Wayne Henry Neal, American, Miner, Magnolia Mine, Magnolia Coal & Coke Company. Deceased was caught by fall of coal while working on pillar and instantly killed.

November 7, 1914.—Edward L. Dillon, American, Machine Runner, Ajax Mine, Mingo Washed Coal Company. Deceased was operating mining machine in No. 1 room on air course when he was caught by fall of slate, killing him instantly.

September 29, 1914.—H. D. Maynard, American, Laborer, Rutherford Mine, Red Jacket Consolidated Coal & Coke Company. On September 15, 1914, deceased was riding motor in the mine and was sitting on the edge of it, but was not sitting back far enough to clear cars, which was sitting on side track, and received injuries from which he died on above date.

June 25, 1915.—Alec Caroots, Hungarian, Motorman, Mitchell Branch No. 1 Mine, Red Jacket Consolidated Coal & Coke Company. Deceased was running a motor ahead of loaded trip when it ran into an empty car on adjoining track and was rolled between top of motor and roof, causing injuries from which he died a few hours later.

September 25, 1914.—Charles Mullet, American, Trapper, Red Jacket Jr. Mine, Red Jacket Jr. Coal Company. Deceased was run over by motor on 8th cross right entry and received injuries from which he died a few hours later.

November 17, 1914.—John Vineze, Hungarian, Brakeman, Red Jacket Jr. Mine, Red Jacket Jr. Coal Company. Deceased was riding front end of motor on 14th left entry when he fell in front of same, which passed over him, killing him instantly.

October 22, 1914.—Boyd Brown, American, Miner, Sternberger Mine, E. L. Sternberger Coal Company. Deceased was caught by fall of slate in room No. 1 and instantly killed.

September 17, 1914.—Will Artis, American, Brakeman Outside, Marvin Mine, Stone Mountain Coal Corporation. Deceased fell under motor when he attempted to jump off, same passed over him, killing him instantly.

October 3, 1914.—Henry Whitely, American, Coal Loader, Marvin Mine, Stone Mountain Coal Corporation. Deceased was loading a car in No. 1 cross entry off 1st right and was caught by fall of slate, killing him instantly.

August 8, 1914.—Jacob Coburn, American, Brakeman, Cinderella Mine, Sycamore Coal Company. Deceased was instantly killed by fall of slate in No. 8 room on 1st left entry when mine car knocked out post, causing slate to fall.

March 29, 1915.—John Mitchell, Negro, Coal Loader, Cinderella Mine, Sycamore Coal Company. Deceased was killed by fall of slate while working in No. 6 room on 1st right entry.

April 23, 1915.—Adam Pocus, Russian, Coal Loader, Cinderella Mine, Sycamore Coal Company. Deceased was loading a car in room No. 1, 5th entry when he was caught by fall of slate, killing him instantly.

April 28, 1915.—Harry Hemphill, Negro, Brakeman, Cinderella Mine, Sycamore Coal Company. On April 21, 1915, deceased was riding front end of car when same wrecked, throwing him off, car running over him and received injuries from which he died on above date.

July 29, 1914.—Isidor Kuriluk, Russian, Miner, No. 11 Mine, Thacker Coal & Coke Company. Deceased was loading car in room when he was caught by fall of slate and instantly killed.

August 30, 1914.—Walter Dameron, American, Machine Runner, No. 14 Mine, Thacker Coal & Coke Company. Deceased was electrocuted by coming in contact with rheostat while attempting to start machine.

December 3, 1914.—Ersle McClure, American. , Motor Brakeman, No. 23 Mine, Thacker Coal & Coke Company. Motor trip had gotten a car off the track at 13th right haulway, when deceased attempted to go between cars and rib coming in contact with a live wire, electrocuting him.

December 16, 1914.—James Uchich, Hungarian, Coal Loader, No. 9 Mine, Thacker Coal & Coke Company. Deceased was visiting some of his fellow workmen in the mine and was caught by fall of slate at the face of the working, killing him instantly.

June 24, 1915.—John Walters, Negro, Coal Loader, No. 11 Mine, Thacker Coal & Coke Company. Deceased was riding car into his working place and was caught between car and roof, killing him instantly.

January 7, 1915, Aaron Lane, Amecican, Miner, Pappoose Mine. War Eagle Coal Company. Deceased was caught by fall of coal while undercutting and instantly killed.

MONONGALIA COUNTY.

August 19, 1914.—Joe Cellini, (Giobbe) Italian, Miner, Elkins No. 5 Mine, Elkins Coal & Coke Company. Deceased was electrocuted by coming in contact with trolley wire.

November 14, 1914.—Tony Ritchey, (Giacinto Bizzuti), Italian, Brakeman, No. 1 Mine, Elkins Coal & Coke Company. Deceased was caught between car and rib while riding empty car which was derailed, and instantly killed.

April 24, 1915.—Mike Schorbash, Hungarian, Miner, No. 5 Mine, Elkins Coal & Coke Company. Deceased was caught by fall of coal and slate at his working place in room No. 51, 2nd butt heading and instantly killed.

NICHOLAS COUNTY.

December 15, 1914.—Kissme Poleta, Italian, Miner, Saxman No. 1 Mine, The Saxman Coal & Coke Company. Deceased was boring hole on end of chain pillar when he was caught by fall of slate and instantly killed.

April 24, 1915.—C. B. Holden, American, Machineman, Trees No. 1 Mine, Coalbell Coal Company. Deceased was caught by fall of slate while operating a cutting machine in Pal Hawes entry and received injuries from which he died a few hours later.

OHIO COUNTY.

February 9, 1915.—George Mavros, Greek, Miner, Elm Grove Mine, Elm Grove Coal Company. Deceased was uncoupling empty car from empty trip on No. 20 right entry when he came in contact with live wire, electrocuting him.

July 23, 1914.—Ike Leasure, Nationality unknown, Richland Mine, Richland Coal Company. On July 13, 1914, deceased received injuries from cars from which he died on above date.

October 28, 1914.—George Arkon, Greek, Coal Loader, Richland Mine, Richland Coal Company. Deceased was caught by fall of slate after being warned, and was instantly killed.

June 8, 1915.—Manios Chalkios, Greek, Coal Loader, Richland Mine, Richland Coal Company. Deceased was caught by fall of coal from face of working place and received injuries from which he died a few hours later.

PRESTON COUNTY.

March 13, 1915.—Toney Kallassik, Polish, Miner, No. 2 Mine, Elkins Coal & Coke Company. Deceased was instantly killed in room No. 8 while drawing rib.

October 22, 1914.—Jefferson Davis Trickett, American, Miner, Late No. 1 Mine, Gorden B. Late Coal Company. Deceased was killed by fall of states close to working face of heading.

November 23, 1914.—Juley Venoskey, Russian, Miner, Irona No. 2 Mine, Irona Coal Company. Deceased was drawing a pillar when he was caught by fall of slate and instantly killed.

July 11, 1914.—Joe Volocovich, Horwat, Trackman, Cascade No. 1 Mine, Preston County Coke Company. Deceased was caught by fall of slate at first butt A heading and instantly killed.

June 28, 1915.—Stanley Stanock, Russian Miner, Vulcan Mine, Hiorra Coke Company. Deceased was caught by fall of slate while undercutting and received injuries from which he died a few hours later.

PUTNAM COUNTY.

April 6, 1915.—Thomas J. Coleman, Negro, Miner, Big Otto Mine, The Otto Marmet Coal & Mining Company. Deceased was electrocuted while attempting to get out of car at mouth of tunnel coming in contact with feed wire.

August 20, 1914.—Levi Kelley, American, Miner, No. 4 Mine, Plymouth Coal & Mining Company. On July 24, 1914, deceased was loading coal at face of room when slate fell on him causing injuries from which he died on above date.

June 21, 1915.—Clarence Pierce, Negro, Miner, Manilla Mine, Plymouth Coal & Mining Company. Deceased was cleaning slate at face of No. 1 room on 1st right entry when he was caught by fall of slate killing him instantly.

RALEIGH COUNTY.

December 18, 1914.—R. K. Butler, American, Motorman, Woodbay Mine, Bailey Wood Coal Company. On November 24, 1914, while deceased was coming up entry he came in contact with a run-away trip and received injuries from which he died on above date.

July 22, 1914.—Ballard Taylor, American, Laborer, Beckley Mine, Beckley Coal & Coke Company. Deceased was caught between car and rib when rope became loose allowing cars to run to bottom, and was instantly killed.

January 16, 1915.—E. E. Hendrickson, American, Miner, Combs Lease, Mine, City Coal Company. Deceased was caught by fall of slate while backing up cut and instantly killed.

September 9, 1914.—John Shanty, Austrian, Miner, No. 2 Mine, Gulf Smokeless Coal Company. While deceased was sitting on track waiting for empty car to be placed in No. 9 room, 1st air course, he was struck by car and instantly killed.

September 22, 1914.—Peter Kuleck, Polish, Miner, Tams No. 1 Mine, Gulf Smokeless Coal Company. Deceased was caught by fall of slate in room No. 20 on 3rd left entry and instantly killed.

May 15, 1915.—Elgie Ward, American, Track layer, Hot Coal No. 1 Mine, Gulf Coal Company. Deceased was riding on front end of motor along the rock heading and was caught between motor and roof and instantly killed.

October 30, 1914.—Sam Koska, Russian, Miner, MacAlpin Mine, MacAlpin Coal Company. Deceased was taking down coal when a piece of top coal and slate fell killing him instantly.

July 21, 1914.—Andy Gaulterri, Italian, Laborer, Oswald No. 2 Mine, McKell Coal & Coke Company. Deceased was undercutting on rib of new haulway when he was caught by fall of slate receiving injuries from which he died a few hours later.

August 13, 1914.—Steve Demarkstoney, Italian, Miner, Tamroy Mine, McKell Coal & Coke Company. Deceased was caught by fall of slate while walking near his working place and instantly killed.

August 19, 1914.—Bartholoma Cannellgs, Spanish, Miner, Tamroy Mine, McKell Coal & Coke Company. Deceased was working at face of No. 8 Pillar, 1st south entry when fall of slate caught him killing him instantly.

October 28, 1914.—John Kubasoy, Polish, Brakeman, Oswald Mine, McKell Coal & Coke Company. On October 27, 1914, deceased was riding on front of car of motor trip and in attempting to leave same he fell under car sustaining injuries from which he died next day.

January 16, 1915.—Benito Domingner, Spanish, Miner, Tamroy Mine, McKell Coal & Coke Company. Deceased was loading coal in No. 37 room, 3rd west entry when he was caught by fall of slate receiving injuries from which he died a few hours later.

July 24, 1914.—Frank Kincaid, American, Tipple man outside, Raleigh No. 6 Mine, Raleigh Coal & Coke Company. Deceased was dropping railroad car down to tipple when he fell off same, car running over him killing him instantly.

March 18, 1915.—Mike Mehalic, Polish, Miner, Raleigh No. 3 Mine, Raleigh Coal & Coke Company. Deceased was electrocuted by coming in contact with live wire.

March 31, 1915.—Tony Romeo, Italian, Miner, Raleigh No. 6 Mine, Raleigh Coal & Coke Company. Deceased was caught by fall of top coal while shooting same in No. 3 room on 2nd west entry and instantly killed.

July 22, 1914.—W. L. Taylor, American, Machine Runner, No. 3 Mine, Slab Fork Coal Company. While deceased was preparing for shot a spark from his lamp dropped into box of monobel which exploded killing him instantly.

June 15, 1915.—Percy Smith, American. Miner, Terry Mine, Stonewall Coal & Coke Company. Deceased had made a cut in room No. 2 on No. 5 entry about 16 inches deep when slate fell killing him instantly.

July 22, 1914.—John Olah, Hungarian, Miner, Stotesbury No. 3 Mine, E. E. White Coal Company. Deceased was electrocuted while placing mine car in his working place by coming in contact with trolly wire.

October 1, 1914.—Toney Berizia, Italian, Machine Helper, No. 2 Shaft Mine, E. E. White Coal Company. On September 29, 1914, deceased was loading machine on truck when he was caught in the bits receiving injuries from which he died on above date.

RANDOLPH COUNTY.

July 7, 1914.—John Jambroski, Polish, Miner, Coalton No. 1 Mine, Davis Colliery Company. Deceased was caught by fall of slate and coal from roof in room No. 56, Ritter Heading, and instantly killed.

TAYLOR COUNTY.

August 8, 1914.—Tony Oudi, Italian, Brakeman outside, Wendel No. 2 Mine, Maryland Coal Company of West Virginia. On July 30, 1914, deceased was coupling empty cars when they came together and he received injuries from which he died on above date.

October 6, 1914.—Louie Dell, Hungarian, Coal Loader, Wendel No. 2 Mine, Maryland Coal Company of West Virginia. On October 5, 1914, deceased was walking through room No. 16 off 2nd right heading when he was caught by fall of slate receiving injuries from which he died next day.

April 19, 1915.—Joe Yungo, Lithuanian, Miner, Rosemont Mine, Rosemont Coal Company. Deceased was caught by fall of sand rock in room No. 18, B-3 heading while passing through on his way to his working place and instantly killed.

TUCKER COUNTY.

December 10, 1914.—Richard Campbell, American, Miner, Cooper Mine, J. Calvin Cooper. Deceased had prepared a hole for shot and had gone some distance from the face of room when he was caught by a premature explosion killing him instantly.

December 19, 1914.—Dominic Fortini, Italian, Miner, Pierce No. 39

Mine, Davis Coal & Coke Company. Deceased fell from cage to bottom of shaft, a distance of about 100 feet and was instantly killed.

August 15, 1914.—George Alkire, Italian, Laborer Outside, Pierce No. 40 Mine, Davis Coal & Coke Company. Deceased was attempting to climb off cage through the timbers when he was knocked to the bottom of the shaft and instantly killed.

October 9, 1914.—Pete Orban, Italian, Laborer, Pierce No. 39 Mine, Davis Coal & Coke Company. Deceased was following mule down the heading when he was caught by fall of slate receiving injuries from which he died a few hours later.

November 4, 1914.—Ben Douglas, Negro, Miner, No. 23 Mine, Davis Coal & Coke Company. Deceased was killed by an explosion caused by a short fuse in No. 10 room, Klondyke heading.

December 6, 1914.—-Joe Dominick, Italian, Laborer, No. 43 Mine, Davis Coal & Coke Company. On December 5, 1914, deceased was caught by run-a-way trip off 1st left heading about 500 feet from the pitmouth and received injuries from which he died next day

December 16, 1914.—Charles Varonich, (Schmidt) Slavish, Miner, outside, No. 24 Mine, The Davis Coal & Coke Company. Deceased was caught by fall of coal while coaling engine and instantly killed.

February 15, 1915—Dominic Quatro, Italian, Roadman, Benbush No. 38 Mine, Davis Coal & Coke Company. On February 13, 1915, deceased and partner were sent to north heading to lay track and in the absence of the regular motorman attempted to remove trip when he was caught between cars receiving injuries from which he died on above date.

UPSHUR COUNTY.

January 8, 1915.—Parley Cutright, American, Driver, Florence No. 2 Mine, Buckhannon River Coal & Coke Company. Deceased was riding on front end of empties, contrary to rules, when same wrecked killing him instantly.

DISASTROUS EXPLOSIONS.

CARLISLE EXPLOSION.

On the morning of February 6, 1915, at 7:45 A. M. a local gas explosion occurred at this mine in which twenty-two persons lost their lives. This mine is located at Carlisle, Fayette County, on the White Oak Branch of the C. & O. Railroad and operated by the White Oak Fuel Company. It is a shaft mine 440 feet in depth, operating the Sewell seam which has a thickness of four feet, developed on the double entry system, ventilated by an eighteen foot fan which produces 100,000 cubic feet of air per minute and which is divided between the workings of the Carlisle and Oakwood Shafts. These two mines are connected and employ from 160 to 175 persons. This mine was known to liberate a slight quantity of explosive gas, but not considered dangerous and open lights were used exclusively by miners and laborers. Fire Bosses were employed to examine the mine each morning before any person was allowed to enter same.

On the morning of the explosion the Fire Bosses had made their examination, at which time they found a small accumulation of gas in room No. 11 on the 5th left entry off of 3d right main and reported same in Fire Bosses' record book, but failed to advise any person of the fact and marked the mine O. K. on a bulletin board kept for this purpose and a few minutes later the employees entered the mine. Shortly after the explosion occurred, and upon investigation it was found to be a local gas explosion due to an accumulation of gas in room No. 11, where the body of a miner was found burned to death; two of the bodies found near No. 10 room were only slightly burned about the face and hands, while the others lost their lives from suffocation, with the exception of a trapper boy at the mouth of the entry who was badly mutilated.

The damage to the mine was very slight. A few stoppings were blown out and the doors were destroyed at 5th left where the explosion occurred, being a distance of one and a quarter miles from the shaft bottom.

Had the Fire Bosses performed their duties as required by law, they would have arranged the brattices after detecting gas in this room, so as to prevent an accumulation of gas. This they failed to do, but placed a prop across the room track, a distance of 113 feet from the face, returned to the outside and without giving notice to anyone that they had detected gas in this room marked the mine O. K. on the bulletin board, and by their neglect caused the death of twenty-two persons, which should be a warning to all Fire Bosses that negligence of this kind is very dangerous to life and property.

The following is a list of the persons killed at the local gas explosion which occurred at Carlisle mine under date of February 6, 1915.

Albert Kopinski, Leo Vitovith, Frank Smith, John Makers, Victor Comminski, James Ora, Montague Thomas, William Gray, Jack Souders, William Comminski, Charles Kebert, Andy Garten, Frank Erstine, Fred Pannell, Dayles Scarbro, Lindsey Johnson, Fred Solbey, Joe Sabalo, Mike Sonnenberg, Jack Custer, Ottis Rex.

Remus Chandler, Negro, was injured and taken to the McKendree Hospital and died February 10th.

Fayette County, to-wit:

An inquisition taken at Glen Jean, in the County of Fayette on the 10th day of February, 1915, before S. J. Jasper, Justice of the said county, upon the view of the bodies of Albert Kopinski, Leo Vitovich, Frank Smith, John Makers, Victor Comminski, James Ora, Montague Thomas, William Gray, Jack Souders, William Comminski, Charles Kebert, Andy Garten, Frank Erstine, Fred Pannell, Dayles Scarbro, Lindsey Johnson, Fred Solbey, Joe Sabalo, Mike Sonnenberg and Jack Custer there lying dead. The jurors sworn to inquire when, how and by what means the said persons above named, came to their death, upon their oaths do say that the said, above named persons came to their death on the 6th day of February, 1915, by an explosion of gas in the Carlisle mine, and we do further find that there was no evidence showing or tending to show any negligence or failure to perform its duty, on the part of the White

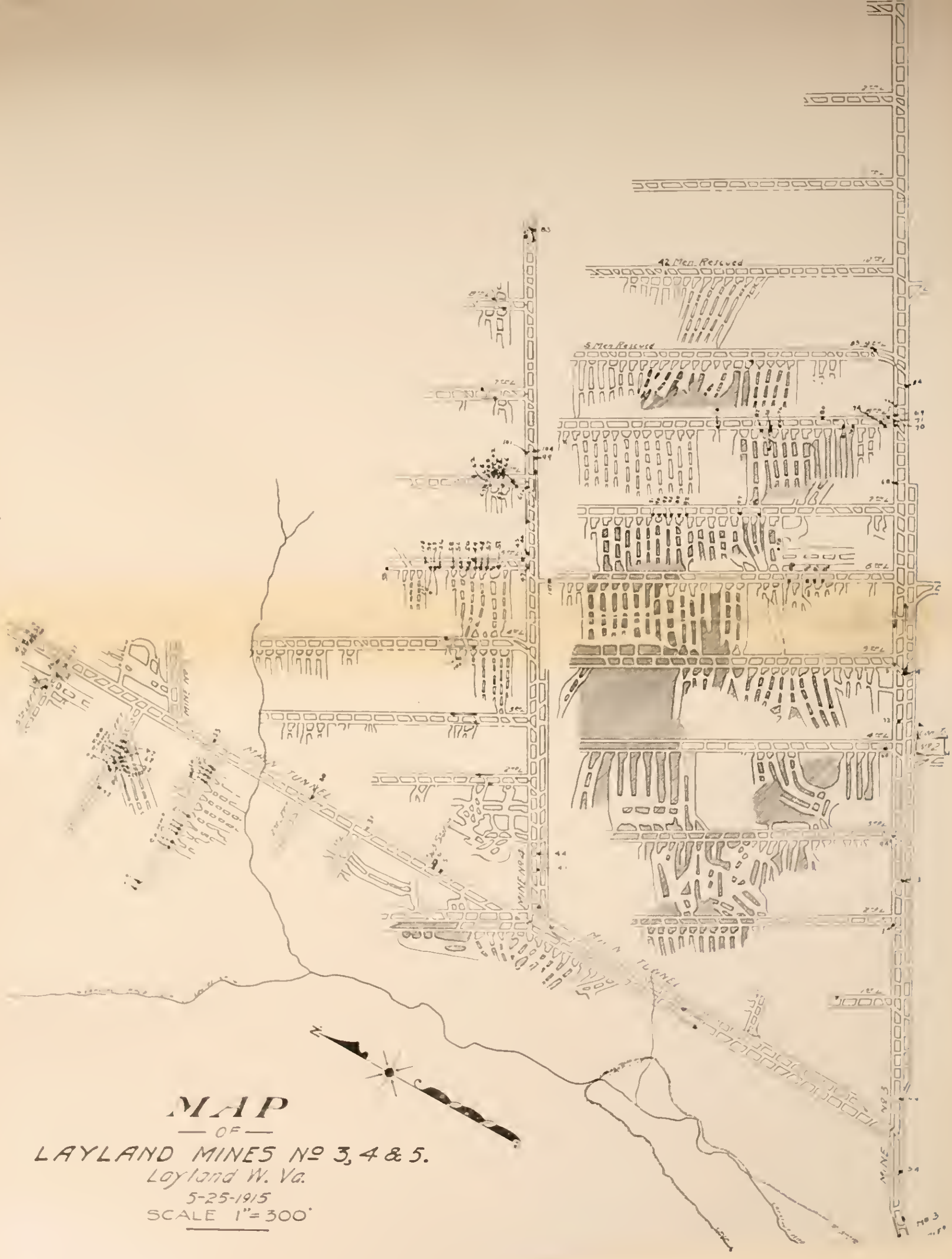
Oak Fuel Company, operating said mine, and that the said White Oak Fuel Company furnished all necessary supplies of all kinds and gave to the mine foreman and the mine bosses the necessary instructions to keep the mine in a safe condition, and we further find that if there was any negligence that it was due to the failure of the fire bosses in not marking up on the outside of the mine that there was a small amount of gas in room No. 11 on the 5th left although he had marked the said room as dangerous at this entrance.

In testimony whereof, the said Justice of the Peace, and jurors hereto set their hands:

(Signed) S. J. JASPER, J. P.
J. E. GARRETT.
J. W. MCVEY,
J. E. GRAY,
W. L. HANGER,
B. E. LYKINS,
M. C. BIBB.

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY DUST EXPLOSION.

On Tuesday, March 2, 1915, at 8:30 A. M. an explosion occurred in the No. 3 mine located at Layland, Fayette County, operated by the New River & Pocahontas Consolidated Coal Company, resulting in the death of one hundred and twelve persons, one hundred and eleven on the inside and one on the outside. At the time of the explosion there was one hundred and sixty-four persons at work in the mine, seven of whom were working on the fourth left off of third main entry and were rescued shortly after the explosion. Fortunately the fan was not damaged to any extent and in a very short time Mr. Kneer, Mine Superintendent, and Mr. Nahodil, Mine Foreman, entered the mine finding the overcast partly destroyed and stoppings blown out. They returned to the outside reporting the conditions found to Mr. H. M. Bertolet, the General Superintendent, Mr. Holliday and Mr. Absalom, District Mine Inspectors, who had arrived at the mine, and under the direction of Mr. H. M. Bertolet rescue crews were organized who immediately entered the mine for the purpose of restoring ventilation, removing the dead and rescuing the living should any be found. The rescue work was carried on successfully without any interruption and rapid progress was made under the existing conditions, as the force of the explosion had displaced the timbers at the main entrance of the mine, causing the same to be greatly obstructed by a large quantity of earth and stone, which required several days to move. For this reason supplies were taken into the mine through a narrow space by the side of the fan, as there was no track in the air course and all material had to be carried into the mine, the farthest point being at least one mile from the entrance, but this work was carried on day and night, with no complaint, as there were several hundred miners and mine officials on the scene ready and willing to aid in the rescue work. The working force was divided into several crews,



MAP
OF
LAYLAND MINES Nº 3, 4 & 5.
Layland W. Va.
5-25-1915
SCALE 1" = 300'

working six hour shifts until twelve o'clock Friday night, at which time all the bodies found on the tunnel and main fourth headings had been removed to the outside. Having completed the work in this part of the mine the men on duty were called to the outside and the fan stopped, for the purpose of making the necessary changes to reverse the air current. While this work was being done a large force of men were removing the obstructions from the main entrance of the mine, as this work could be completed on the following morning, at which time the haulage ways could be used in handling material and bodies.

About 8:00 o'clock A. M. Saturday morning the entrance to the mine was cleared and a number of men were waiting for the fan to be started when they were greatly surprised to see five miners walk out of the mine, reporting that they were working on the ninth left entry off of third main at the time of the explosion and that they had made several attempts each day to come to the outside but were unable to do so owing to the large quantity of afterdamp which was being forced from the tunnel and fourth main headings through the sixth left to the main No. 3, which at this time was the main return through which they would have to travel to get to the outside. Upon investigation, a few hours after the fan had been stopped, they found that the natural ventilation had improved the condition sufficient for them to make their way to the outside, having in their possession a note which was picked up by one of them in their travel, giving the information that there was forty-one miners in the tenth left heading. When this fact was made known a number of men hurriedly entered the mine, travelling to the tenth left heading, where they found a slate stopping constructed on the entry. Hastily removing part of this stopping and going a distance of about one hundred feet, another slate stopping was found, which was also hastily removed, behind which was found a number of men. Upon investigation, several more men were found in a room, all of whom were brought on the main entry, many of them being in an exhausted condition, having had nothing to eat for four days and nights except the strings in their shoes and bark from the mine props. As soon as possible these men were assisted to the outside, where they received proper care and attention under the direction of the physicians and quickly revived from their fearful experience. The scenes on the outside upon the arrival of the forty-six men alive, who had been given up as dead, were beyond description. Among the persons rescued there were several nationalities and of different ages. One of them a Mr. Whalen, who had passed his seventy-fourth year, and who was working with his son, John, in room No. 24 on ninth left heading, at the time of the explosion, and his statement was to the effect that there was practically no disturbance in that part of the mine, just a feeling that a man could not describe, but from his experience he realized that an explosion had occurred. His son called to him and they made their way to the main entry, where they found a wrecked trip of cars, but the afterdamp was so strong that they were unable to get any further. By this time a large number of men who worked on the ninth and tenth lefts came to them and they decided among themselves to make no attempt to make their way out, but would return to the tenth left, as this part of the mine had not been affected. By some means these men became separated, five going into the ninth left and forty-one into the tenth left, where they immediately proceeded to construct slate stoppings to protect themselves from the afterdamp, remaining within the enclosed chamber for four days and nights, during which time many prayers were made that they would be rescued or be relieved from their suffering by death, which would, undoubtedly, have been their doom had not one of the five men making their way out, found the note stating that they were behind the barricade on the tenth left.

When it was reported that an explosion had occurred at this mine it was a great surprise, as this was considered one of the safest mines in the field, being at an altitude of two thousand and five hundred feet, operating the Fire Creek seam, varying in thickness from three and a half to five feet, devloped on the double and triple entry plan and ventilated by an eighteen foot Capell fan at a speed of eighty revolutions, producing eighty-five thousand cubic feet of air per minute, divided into four splits and so regulated that an adequate amount of air would be furnished and properly distributed to each split as required by law. The mine was generally damp, with the exception of the live workings, where there was a slight accumulation of dust, but not to the extent of it being considered dangerous. At no time had any dangerous quantity of explosive gas been detected.

John I. Absalom, State District Mine Inspector, made a thorough examination of the mine January 19, 1915, and his report showed the mine to be in first class condition. Mr. R. Y. Muir, Inspector for the Operating Company, examined the mine February 25th and he found the mine in good condition. No gas was reported by either of the above named Inspectors. Both of these men are well known by all of the mining people in this section of the state and considered expert mining men.

On the 15th and 16th following the explosion, officials of the Company, State Mine Inspectors and a number of mining men examined the mine for the purpose of ascertaining the cause of the explosion and, if possible, the point of origin. In making this examination all conditions were carefully noted and it was unanimously agreed that the explosion was due to dust and the point of origin at the face of air course to the third left heading, at which place a hole was found four and a half feet in depth, angling toward the entry and lacking only eight inches of being bored through, as the pillar was very thin at this point. The conditions showed that this hole had been heavily charged with a high explosive, as one of the bodies found nearby was headless and judging from the position in which it was found it is an evident fact that the hole had been charged with dynamite, had not been properly tamped, and the small barrier of coal at the back of the hole giving but little resistance caused the shot to blow through into the entry and ignite the dust, which caused an explosion at this point and was propagated throughout a greater part of the mine by fine dust which finds lodgement on ribs, roof and pavement, and which is readily put in suspension, which added fuel increased the force of the explosion and violence, destroying stopping, doors and overcasts, cutting off the ventilation from the affected part of the mine, resulting in the death of a large number of persons from suffocation, as only a few of the bodies were found to be mutilated.

"STATEOF WEST VIRGINIA,
COUNTY OF FAYETTE, to-wit:

An inquisition at Layland, West Virginia, in the County of Fayette, beginning on the 7th day of March, 1915, and ending on the 17th day of March, 1915. Before B. S. Hastings of the said County of Fayette, upon the view of the bodies of Virgil Lacy, John Saul, Wilson Kessel, Dennis P. Hurley and John Spularic and others, there lying dead.

The jurors sworn to inquire when, how and by what means the said Virgil Lacy, John Saul, Wilson Kessel, Dennis P. Hurley and John Spolaric and others came to their death, upon their oaths do say that they came to their death by a dust explosion caused by a blow through shot in the 3rd left of main tunnel heading in the No. 3 mines of the New River and Pocahontas Consolidated Coal Company, located at Layland, said County of Fayette, State of West Virginia, on Tuesday March 2nd, 1915.

In testimony whereof, the said Justice and Jurors hereto set their hands.

This the 17th day of March 1915.

(Signed) B. S. HASTING, *Justice.*
JOHN A. HIGGINBOTHAM,
J. E. LOWE.
W. D. LEWIS.
A. ABSALOM.
H. W. CLAYPOOL.
O. D. AMICK.
Members of Juror."

LIST OF PERSONS KILLED IN LAYLAND MINE EXPLOSION ON MARCH 2, 1915.

Wilson Arlow (Mike Olis), Stanton Arthur, John Atkinson, Rosario Attena, Frank Baird, Andy Beneie, George Beneie, Peter Beneie, Fred Bennett, Weils Borsuk, Mike Bozach, Dick Bryant, Andrew Butina, Arthur Caldwell, Tory Carolla, Tony Cappano, Andy Clobuchar, Abner Cooper, M. L. Day (Emanuel Lopez), Tony Delatz, Antonio DiTubio, Ed. Donally, Wilton Dorsey, Martin Fadden, Dave Fadlowitz, Mike Fedder, M. Ferris, Vallie Fitzpatrick, Wm. Fitzpatrick, Joe Fleger, John Fleger, Lucupro Fonkolo, Guiseppi Garritano, Lige Gibson, Walter Gill, Edward Gilkerson, Aolio Gioncinto, Homer Goddard, Andre Graguvie, Mahood Hassen, John Havard, James Hornsby, Ighats Hostonof, Dennis Hurley, John Joswa, Welsen Kessel, Amos Kincaid, Zahor Kiselon, Paul Klobuchar, Kostanti Kostukervitz, John Knopich, John Kopico, Amtro Korchi, John Kueic, Virgil Lacy, David Laird, Mike Legevi, Henry Lowen, Martin Lynch, Joe Mavanuchi, Charles Mavcidno, Michele Maviano, Ben McDaniel, Charles McDaniel, George McDaniel, John McMillen, John Miller, John Moody, Paul Morrison, John Mosik, Abe Myers, Walson Navinsky, Hobert Osborn, Alex Otaka, Bunagkr Paguve, Flory Perry, Sebastiana Pakani (Potani), Roberto Perry, Joe Petvowitz, Steve Plesha, Louis Palatch, A. P. Ponton, Daniel Potapor, Frank Porchilo, Louis Prodonitz, Alex Propolic, Clarence Quick, John Ricci, Henry Richards, Salvatore Rotolo, Poru Ruziski, Tony Sandy, John Saul, Thomas Saul, John Salosky, Alfred Salvatore, L. L. Shaffer, J. E. Simmons, J. H. Smith, Frank Sowich, John Spolaric, Jim Spariaco, Tom Spolaric, Mike Suckes, Wilson Susky, Mike Supanski, G. O. Wecks, Tony Weber, Nick Widmer, John L. Wimmer, Charles Zofinelli, Pete Zupanski.

LIST OF MEN TAKEN OUT OF LAYLAND NO. 3 MINE ON DAY EXPLOSION OCCURRED—TUESDAY, MARCH 2ND, 1915.

Jack Vasilefsky, Ben McDaniel, Jr., Charles Kornosky, Kozytof Fannsy, Stanley Malaga, Jake Solok, Mike Solok.

LIST OF MEN WHO WALKED OUT OF MINE ON MORNING OF MARCH SIXTH.

Sam Morrison, Geatano Maurello, Frank Rudoni, Peter Zanisky, Jack Foreman.

LIST OF MEN WHO WERE RESCUED ALIVE LATER IN THE DAY—MARCH SIXTH.

Guiseppe Baird, Andrew Bozzarello, George Parker, Lorence Noe, Joe Provenzanc, Joe Jumbo, Joe Caldwell, Barolo Perry, Dom Jumbo, John Perry, Sam Huggard, Charles Caldwell, John Whalen, Groce Marco, Earl Aurentz, John Fitzpatrick, Toney Jenony, Frank Jenony, Angelo Aliprandi, Phillip Paganini, Victoria Perry, Toney Abbatia, Gaetano Rodoni, William Derange, Astradi Agostino, Frank Paccinini, G. H. Henson, Luigi Perry, Thomas Whalen, Carlo Marciano, Dominick Crucci, Mike Bosco, Bal. Clendenin, Caro Tullio, Prov. Merinvio, Jim Pino, Griffanti Carlo, Howard Huggard, John Plesha, Hugh McMillan, Lester Fitzpatrick.

DAVY-POCAHONTAS COAL COMPANY EXPLOSION.

Drift Mine No. 1 operated by the Davy-Pocahontas Coal Company and is located on Spice Creek in McDowell County on a Branch Line of the N. & W. Ry. The War Creek seam is operated at this mine which has a thickness of 5 ft., developed on the double entry system, ventilation produced by a fan. The mine is generally damp and at times small quantities of explosive gas were liberated. On Saturday morning April 17, 1915 at 8:15 A. M. an explosion occurred in which three men lost their lives. When this mine was in operation thirty to forty persons were employed, but as the mine had not been running for two days, there was only six persons in the mine at the time of the explosion. The three that lost their lives were contractors, working in what was known as the rock heading. The three persons who were not injured were day laborers working in another part of the mine. When these six men reported for work on the morning of the explosion, the Mine Foreman instructed them not to enter the mine, as the fan belt had broken sometime during the night, putting the fan out of commission, and for this reason they had better remain on the outside until the belt could be repaired, and the fan put in operation. While this repair work was being done by the electrician and Mine Foreman the six men entered the mine. Shortly after an explosion occurred, and upon investigation it was found that the three men working in the rock heading were killed, and a further examination proved conclusively that their death was due to a local gas explosion, the gas having accumulated at this point during the stoppage of the fan. Had they obeyed the instructions of the Mine Foreman and remained on the outside until the fan was started this accident would not have occurred, as the three laborers in the other part of the mine were not injured.

The Coroner's jury which viewed the remains of the victims of this explosion, after taking the testimony of various persons and the District Mine Inspector rendered the following verdict:

Welch, W. Va., April 24th, 1915.

We, the jury, find that Fred Mabrey, James Whitten, and Dennis Wisecup came to their death, by an explosion of gas at No. 1 mine of the Davy Pocahontas Coal Co., at Roderfield, McDowell County, W. Va. on the 17th day of April. Said explosion caused by their disregarding of instructions of the Mine Foreman.

Jurors O. M. KNOUFF.
N. H. FIX,
J. A. STRAUGHAN.
H. J. BROOK.
B. N. GAY.
W. W. WOOD.

NON-FATAL ACCIDENTS

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	BARBOUR COUNTY				
1	The Century Coal Co	Century No. 1	Ernie Campbell	9- 3-14	American
2	The Century Coal Co	Century No. 1	Mart Lance	9-29-14	American
3	The Century Coal Co	Century No. 1	George Gosby	1-30-15	Polish
4	The Century Coal Co	Century No. 2	Louie Tizzi	2- 2-15	Italian
5	The Century Coal Co	Century No. 2	Toney Farara	2- 6-15	Italian
6	The Century Coal Co	Century No. 1	George Levitske	3- 7-15	Polish
7	The Century Coal Co	Century No. 2	W. M. Cobelefski	3-24-15	Litvitch
8	The Century Coal Co	Century No. 1	John Bovona	3-31-15	Italian
9	The Century Coal Co	Century No. 2	J. W. Kerr	4- 8-15	American
10	The Century Coal Co	Century No. 1	Ben Endrizzi	4-19-15	Austrian
11	The Century Coal Co	Century No. 1	Joe Obrocta	5- 6-15	Polish
12	The Century Coal Co	Century No. 1	Clifford True	6- 9-15	American
13	The Century Coal Co	Century No. 1	Peter Endrizzi	6-25-15	Austrian
14	The Consolidation Coal Co	Consolidation No. 37	Steve Mesaros	7- 7-14	Hungarian
15	The Consolidation Coal Co	Consolidation No. 37	Steve Croston	2-11-15	Negro
16	The Boat Run Coal Co	Boat Run	W. A. Weaner	3-26-15	American
17	The Davis Coal & Coke Co	Dartmoor No. 4	Fred Cox	10- 6-14	American
18	The Davis Coal & Coke Co	Dartmoor No. 4	Charles M. Alford	11-11-14	American
19	The Davis Coal & Coke Co	Dartmoor No. 4	Mat Fuli	11-18-14	Italian
20	The Davis Coal & Coke Co	Dartmoor No. 4	L. G. Hetrick	12- 3-14	American
21	The Davis Coal & Coke Co	Dartmoor No. 4	James Moore	12- 4-14	American
22	The Davis Coal & Coke Co	Dartmoor No. 4	A. Hixenbough	12-23-14	American
23	The Davis Coal & Coke Co	Dartmoor No. 4	K. W. Wilson	1- 6-15	American
24	The Davis Coal & Coke Co	Dartmoor No. 4	William MacDonald	3- 5-15	American
25	The Davis Coal & Coke Co	Dartmoor No. 4	N. H. Cross	5-14-15	American
26	The Davis Coal & Coke Co	Dartmoor No. 4	James Lake	6-26-15	American
27	Gage Coal & Coke Co	Sarah No. 1	Donimick Tueas	5-24-15	Italian
28	Gage Coal & Coke Co	Sarah No. 1	Ivan Moore	6- 1-15	American
	BOONE COUNTY				
29	Big Eagle Mining Co	Big Eagle	W. H. Fleeman	6- 7-15	American
30	Seng Creek Coal Co	Seng Creek	J. T. Mays	10-15-14	American
31	The Spruce River Coal Co	Ramage	George Meadows	12-21-14	Negro
32	The Spruce River Coal Co	Ramage	S. M. Wood	12-28-14	Negro
	BROOKE COUNTY				
33	Clifton Coal Co	No. 1	George Jadosky	8- 1-14	Russian
34	Clifton Coal Co	No. 1	Elis Copaza	10- 7-14	Hungarian
35	Clifton Coal Co	No. 1	Martin Kavetho	11-14-14	Slavish
36	Clifton Coal Co	No. 1	John Cook	1-16-15	Hungarian
37	Richland Block Coal Co	Beech Bottom	Sigmond Kovlikowski	10-24-14	Polish
38	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Felix Lambert	7-23-14	French
39	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	John Panko	9-16-14	Austrian
40	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Adolph Bartesalph	9-29-14	Hungarian
41	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Mike Straa	11- 1-14	Italian
42	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Louie Jeowiskie	11- 6-14	Syrian
43	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Millam Gronich	11-30-14	Syrian
44	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Tony Angelo	1-10-15	Italian
45	West Virginia Pittsburgh Coal Co	Locust Grove No. 1	Dommick Marconi	5-11-15	Italian
	CLAY COUNTY				
46	Elk River Coal & Lumber Co	Rich Run	John Rudolph	10- 6-14	Austrian
47	Elk River Coal & Lumber Co	Rich Run	Lark Thompson	10-17-14	American
49	Elk River Coal & Lumber Co	Rich Run	Nick Zovoglis	5-24-15	Italian
	FAYETTE COUNTY				
50	Aileen Coal Co	Aileen	Joe Toth	6-15-15	Hungarian
51	Babcock Coal & Coke Co	No. 4	Joe Cavallaro	2-12-15	Italian
52	Ballinger Coal Co	No. 1	R. S. Miller	8-28-14	Negro
53	Ballinger Coal Co	No. 1	M. C. Coffman	11-25-14	American
54	Ballinger Coal Co	No. 1	R. P. Pegram	6-21-15	Negro
55	Beury Bros. Coal & Coke Co	Echo	John Whalen	4-14-15	American
56	Beury Bros. Coal & Coke Co	Echo No. 2	Arthur Boyd	6-16-15	American
57	Big Bend Coal Co	Big Bend	John T. Wiseman	7-15-14	American
58	Big Bend Coal Co	Big Bend	D. L. Dugan	2-25-15	American
59	Big Bend Coal Co	Big Bend	Ellis Adkins	3-27-15	American
60	Boomer Coal & Coke Co	No. 2 North	Sam Trip	2-27-14	Italian
61	Boomer Coal & Coke Co	No. 2 North	John Roane	8-11-14	Italian
62	Boomer Coal & Coke Co	No. 4	Frank Yockoway	8-11-14	Italian
63	Boomer Coal & Coke Co	No. 2 North	Rose Mazzie	8-27-14	Italian
64	Boomer Coal & Coke Co	No. 4	Eugene Bonami	9- 3-14	Italian
65	Boomer Coal & Coke Co	No. 2 South	Frank Secreto	9- 4-14	Italian
66	Boomer Coal & Coke Co	No. 5	Earl Stone	9-10-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
10 Yrs.	31	Electrician	Belt broke—fell from pole	Compound fracture of wrist, ankles injured	O
9 Yrs.	32	Electrician	Electric Locomotive	Left knee injured	I
2 Yrs.	47	Miner	Mine Car and post	Chest injured	I
5 Yrs.	52	Miner	Fall of roof	Left leg injured	I
8 Mos.	23	Miner	Premature blast	Lower jaw fractured	I
5 Yrs.	27	Miner	Fall of roof	Ankle and foot badly bruised	I
2 Yrs.	42	Miner	Premature blast	Right arm and hand injured	I
....	34	Miner	Fall of roof	Fracture of right thigh	I
7 Yrs.	28	Motorman	Fall of roof	Back and spinal cord injured	I
2 Days	44	Miner	Premature blast	Hand, arm and skull lacerated	I
....	29	Miner	Wheel and sprag	Lacerated wound of left thumb	I
2 Yrs.	19	Driver	Mine car and coal	Hips and abdomen squeezed	I
....	36	Coal Loader	Electric Locomotive	Chest bruised, possible fracture of ribs	I
1 Yr.	40	Miner	Fall of coal	Back, spinal cord partial paralysis	I
10 Yrs.	44	Miner	Fall of roof	Fracture of left humerus and femur	I
6 Yrs.	33	Miner	Mine car and post	Two ribs broken	I
5 Yrs.	30	Miner	Mine pick	Eye injured	I
21 Yrs.	35	Miner	Fall of coal	Knee badly bruised	I
3 Yrs.	30	Miner	Trimming cross timber off with axe	Loss of thumb on left hand	O
3 Yrs.	45	Dumper	Retracking mine car	Head and back injured—rib broken	I
9 Mos.	16	Miner	Fall of roof	Right arm and leg broken	I
9 Mos.	67	Watchman	Fell down	Finger broken	O
Sev. Yrs.	42	Car trimmer	Railroad car	Rib fractured	O
4 Yrs.	19	Driver	Mine car and post	Hips injured	I
Sev. Yrs.	53	Miner	Fall of roof	Head and breast injured	I
20 Yrs.	34	Pumper	Gas from iron pipe	Left eye burned—right eye seriously burned	I
6 Yrs.	40	Miner	Fall of roof	Left leg broken in two places	I
5 Mos.	24	Miner	Lifting slate	Fractured arm	I
20 Yrs.	44	Laborer	Gas explosion	Cuts on face and head—ankle injured	I
....	37	Tippleman	Railroad car and chute	Loss of left hand—small finger first joint	O
....	23	Driver	Mine Car	Two ribs broken—arm contused	I
Sev. Yrs.	40	Driver	Mine car	Ankle fractured	I
17 Yrs.	37	Coal Loader	Fall of roof	Eye injured, shoulder and ribs fractured	I
7 Yrs.	45	Coal Loader	Fall of roof	Both legs broken and other injuries	I
2 Yrs.	21	Coal Loader	Fall of coal	Ankle contused	I
4 Yrs.	27	Machine Helper	Mining Machine	Left foot badly lacerated	I
....	24	Coal Loader	Sheave wheel and rope on incline	Foot and leg amputed several days later	O
25 Yrs.	40	Miner	Fall of roof	Back contused	I
11 Yrs.	28	Mach. Runner	Mining Machine	Ankle and foot lacerated	I
8 Yrs.	39	Mach. Runner	Fall of roof	Hip badly injured	I
3 Yrs.	22	Brakeman	Mine car	Loss of fourth finger at knuckle	O
8 Mos.	36	Laborer	Mine car	Lost two toes, left foot, first joint	I
6 Mos.	38	Coal Loader	Fall of roof	Back and muscles bruised	I
3 Yrs.	40	Laborer	Fell off tipple	Hand and wrist injured	O
3 Yrs.	32	Coal Loader	Fall of coal	Hand badly mashed	I
10 Yrs.	31	Contractor	Fall of coal	Compound fracture of 6th, 7th, 8th ribs	I
10 Yrs.	....	Brakeman	Mine car	Left leg broken and other injuries	O
....	40	Miner	Mine car	Three ribs broken and other injuries	I
5 Yrs.	38	Miner	Fall of roof	Fracture of leg and other injuries	I
....	33	Miner	Mine car and post	Collar bone broken—chest mashed	I
18 Yrs.	....	Miner	Mine car	3 d and 4th fingers amputated at first joint	I
10 Yrs.	36	Driver	Water car and roof	Back injured	I
30 Yrs.	58	Miner	Mine car	Foot injured	O
Sev. Yrs.	41	Miner	Fall of roof	Back injured	I
Sev. Yrs.	18	Miner	Fall of roof	Arm broken—dislocated wrist	I
10 Yrs.	30	Driver	Fall of roof	Leg injured	I
30 Yrs.	50	Miner	Fall of roof	Finger broken	I
10 Yrs.	27	Miner	Fall of roof	Bones fractured in left shoulder	I
2 Wks.	25	Miner	Mine car	Right arm fractured at wrist	I
6 Mos.	30	Miner	Fall of roof	Fractured right and left femur above knee.	I
2 Yrs.	36	Miner	Fall of roof	Back injured	I
3 Yrs.	37	Miner	Flying coal from pick	Right eye injured	I
2 Mos.	23	Machine Helper	Mining machine	Right foot mashed	I
2 Mos.	40	Miner	Fall of roof	Right foot injured	I
5 Mos.	23	Tippleman	Fell from tipple	Ribs fractured, back injured, other injuries.	O

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Nxme of Person Injured	Date of Acident	Nationality
	FAYDTTE COUNTY—Con.				
67	Boomer Coal & Coke Co	No. 2 North	Dommick Monyock	9-21-14	Italian
68	Boomer Coal & Coke Co	No. 2 North	Joe Dai	9-26-14	Italian
69	Boomer Coal & Coke Co	No. 2 North	Pete Lopets	9-29-14	Italian
70	Boomer Coal & Coke Co	No. 2 North	Dave Marrow	10- 2-14	American
71	Boomer Coal & Coke Co	No. 2 North	Bose Cooper	10- 2-14	American
72	Boomer Coal & Coke Co	No. 4 North	Frank Tronto	10-12-14	Italian
73	Boomer Coal & Coke Co	No. 2 North	W. M. Oiler	10-19-14	American
74	Boomer Coal & Coke Co	No. 5	Harry Loud	11- 5-14	American
75	Boomer Coal & Coke Co	No. 2 North	James Morriston	12-21-14	Italian
76	Boomer Coal & Coke Co	No. 2 North	Joe Trip	12-28-14	Italian
77	Boomer Coal & Coke Co	No. 2 North	Frank Trip	12-28-14	Italian
78	Boomer Coal & Coke Co	No. 2 South	Frank Yockoway	1- 1-15	Italian
79	Boomer Coal & Coke Co	No. 2 North	Hill Hood	1- 6-15	American
80	Boomer Coal & Coke Co	No. 2 North	Dommick Gidmont	1-11-15	Italian
81	Boomer Coal & Coke Co	No. 2 South	John Crouse	1-13-15	American
82	Boomer Coal & Coke Co	No. 5	F. A. Higginbotham	1-14-15	American
83	Boomer Coal & Coke Co	No. 2 North	John Grassel	1-15-15	German
84	Boomer Coal & Coke Co	No. 2 North	Albert Yovell	2- 8-15	American
85	Boomer Coal & Coke Co	No. 4	H. M. Grounds	2- 9-15	American
86	Boomer Coal & Coke Co	No. 2 North	Frank Spadford	2-27-15	Italian
87	Boomer Coal & Coke Co	No. 2 North	James Russo	3- 3-15	Italian
88	Boomer Coal & Coke Co	No. 2 North	J. W. McCormick	3-11-15	American
89	Boomer Coal & Coke Co	No. 2 North	Joe Keystone	3-17-15	Italian
90	Boomer Coal & Coke Co	No. 2 South	James Monday	3-18-15	Italian
91	Boomer Coal & Coke Co	No. 2 South	Frank Blacoma	3-19-15	Italian
92	Boomer Coal & Coke Co	No. 2 South	Tommie Rosseau	4-14-15	Italian
93	Boomer Coal & Coke Co	No. 2 North	Robert Yancy	4-19-15	American
94	Boomer Coal & Coke Co	No. 5	James Elkins	4-19-15	American
95	Boomer Coal & Coke Co	No. 4	James Anderson	4-26-15	Negro
96	Boomer Coal & Coke Co	No. 2 North	Clegg Johnson	5- 5-15	Negro
97	Boomer Coal & Coke Co	No. 2 North	Ed. Nelson	5- 6-15	Negro
98	Boomer Coal & Coke Co	No. 2 South	Valentine Scobla	5-25-15	Italian
99	Boomer Coal & Coke Co	No. 2 North	Sam Barton	6- 9-15	Italian
100	Boomer Coal & Coke Co	No. 2 North	Jessie Byrd	6-15-15	Negro
101	Boomer Coal & Coke Co	No. 2 North	Willaim Levisy	6-16-15	Negro
102	Boomer Coal & Coke Co	No. 2 North	Charles Slaughter	6-23-15	American
103	Boomer Coal & Coke Co	No. 2 South	Lewis Rossi	6-29-15	Italian
104	Blume Coal & Coke Co	Blume	Dony Abbott	5-13-15	American
105	Branch Coal & Coke Co	Elverton	M. J. Smithson	8-10-14	American
106	Brown Coal Co	Brown	Phillip Henley	7- 3-14	Negro
107	Brown Coal Co	Brown	W. R. Moss	9-15-14	American
108	Brown Coal Co	Brown	Todd Kinney	1-16-15	Negro
109	Brown Coal Co	Brown	James Edmonds	5- 4-15	Negro
110	Cannelton Coal & Coke Co	No. 4	Louie Bota	7- 8-14	Italian
111	Cannelton Coal & Coke Co	No. 2	Cromo Giocomo	7-17-14	Italian
112	Cannelton Coal & Coke Co	No. 2 North	Jacob Benosio	7-17-14	Italian
113	Cannelton Coal & Coke Co	No. 2 North	Tom Virgilio	8-26-14	Italian
114	Cannelton Coal & Coke Co	No. 4	James Pascal	10- 9-14	American
115	Cannelton Coal & Coke Co	No. 2	John W. Smith	2-26-15	American
116	Cannelton Coal & Coke Co	No. 3	H. B. Barnes	6-10-15	American
117	Cannelton Coal & Coke Co	No. 2 North	Lee Perkins	6-11-15	American
118	Cannelton Coal & Coke Co	No. 2	Walter Halsey	6-17-15	American
119	Christian Colliery Co	No. 1	John Goins	8-19-14	American
120	Christian Colliery Co	No. 1	A. M. Eads	1-20-15	American
121	Christian Colliery Co	No. 1	Carl Ereison	2-24-15	Swede
122	Collius Colliery Co	No. 1	William Wright	8-19-14	English
123	Collins Colliery Co	No. 1	W. H. Brown	8-22-14	Negro
124	The Columbus Iron & Steel Co	No. 1	Jarro Saido	8- 4-14	Russian
125	The Columbus Iron & Steel Co	No. 1	J. F. Forture	9-18-14	American
126	The Columbus Iron & Steel Co	No. 1	John Baynes	12- 1-14	Roumanian
127	The Columbus Iron & Steel Co	No. 1	Joe Berry	2-16-15	Hungarian
128	Dun Loop Coal & Coke Co	Dun Loop	Paul Butcher	10- 6-14	Hungarian
129	Dun Loop Coal & Coke Co	Dun Loop	D. Lombardi	3- 5-15	Italian
130	The Elmo Mining Co	Elmo	Abe Clendennin	7-14-14	American
131	The Ephraim Creek Coal & Coke Co.	Buffalo	Charles Mundy	2-24-15	American
132	The Ephraim Creek Coal & Coke Co.	Slater	Clarence Dean	3-16-15	American
133	The Ephraim Creek Coal & Coke Co.	Buffalo	C. H. Walters	6-12-15	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
3 Mos.	30	Miner	Fall of coal	Left leg injured	I
3 Mos.	34	Miner	Flying coal from pick	Right eye ball injured	I
2 Mos.	22	Driver	Mine car	Fracture of bone in foot—one cut off	I
Sev. Yrs.	35	Mach. Runner	Fall of coal	Left leg mashed	I
Sev. Yrs.	45	Machine Helper	Fall of coal	Nose broken and other injuries	I
....	37	Tippleman	Mine car	Hand, leg and hips injured	I
1 Yr.	29	Timberman	Using an axe	Left hand cut	I
6 Mos.	26	Driver	Thrown by mule	Left collar bone fractured	O
3 Wks.	25	Miner	Mine car and post	Left arm injured	I
2 Yrs.	26	Miner	Blown out shot	Face and hands burned	I
2 Yrs.	30	Miner	Blown out shot	Back, face and hands burned	I
2 Yrs.	36	Driver	Mine car	Left wrist injured	I
4 Yrs.	25	Tippleman	Mine car	Legs mashed	O
6 Mos.	29	Miner	Fall of coal	Ears and arm injured	I
Sev. Yrs.	48	Assistant Mine Foreman	Fall of roof	Hand, face and right leg mashed	I
3 Yrs.	29	Miner	Mine pick	Right foot injured	I
3 Yrs.	40	Electrician	Raising electric light pole	Right knee injured	O
10 Yrs.	25	Timberman	Fall of roof	Back and hips mashed and bruised	I
5 Yrs.	41	Machine Man	Chain and sprocket	Finger cut off—hand mashed	I
1 Yr.	23	Miner	Fall of roof	Left foot injured	I
5 Yrs.	38	Miner	Fall of roof	Back injured	I
6 Yrs.	65	Laborer	Fall of railroad car	Chest injured	O
2 Mos.	29	Miner	Mine car	One rib fractured	I
6 Yrs.	52	Miner	Fall of roof	Back injured	I
2 Yrs.	35	Miner	Fall of roof	Head injured	I
....	30	Miner	Fall of roof	One toe cut off—foot injured	I
4 Yrs.	27	Driver	Fall of steel rail	Big toe fractured—others injured	I
....	32	Car coupler	Mine car	Right leg and ankle injured	I
3 Yrs.	22	Driver	Mine car	Fingers injured	I
5 Yrs.	31	Driver	Mine car	Hips mashed	I
....	53	Laborer	Braking stone	Right eye ball injured	O
8 Mos.	34	Miner	Fall of roof	Right leg cut	I
....	33	Miner	Fall of roof	Back injured	I
20 Days	18	Driver	Mine car and post	Left foot mashed	I
5 Mos.	31	Machine Helper	Fall of coal	Left leg fractured	I
6 Mos.	38	Trackman	Flying steel	Right eye injured	I
3 Mos.	26	Miner	Fall of coal	Back, head and ankle injured	I
8 Yrs.	22	Laborer	Fall of roof	Left leg broken near hip	I
Sev. Yrs.	37	Electric Loco. Runner	Struck head against coal	Scalp lacerated—probably fracture of skull	I
12 Yrs.	51	Blacksmith	Fell off truck on incline	Right leg broken above knee	O
....	30	Laborer	Monitor and tipple	Rupture	O
10 Yrs.	30	Laborer	Monitor	Skull fractured	O
10 Yrs.	35	Miner	Fall of roof	Fracture of left wrist	I
6 Mos.	30	Coal Loader	Flying coal from pick	Eye injured	I
3 Mos.	46	Coal Loader	Explosion of cartridge	Face, hands and neck burned	I
2 Mos.	45	Coal Loader	Explosion of cartridge	Face, hands and neck burned	I
5 Yrs.	22	Machine Helper	Fall of roof	Left leg broken between knee and ankle	I
25 Yrs.	42	Coal Loader	Mine car	Right leg injured	I
18 Yrs.	36	Mach. Runner	Feed rope on mining mach. broke	Three ribs injured (Cracked)	I
Sev. Yrs.	31	Coal Loader	Fall of coal	Thumb injured	I
Sev. Yrs.	38	Mach. Runner	Fall of coal	Shoulders, hips and side injured	I
Sev. Yrs.	33	Mach. Runner	Fall of coal	Back injured	I
8 Yrs.	28	Electric Loco. Engineer	Fall of coal	Collar bone broken	I
20 Yrs.	39	Assistant Mine Foreman	Trap door and timber	Cheek injured—possible ribs fractured	I
5 Yrs.	38	Coal Loader	Fall of roof	Scalp lacerated	I
8 Yrs.	37	Miner	Fall of roof	Leg fractured below knee	I
Sev. Yrs.	33	Miner	Fall of roof	Collar bone broken	I
1 Yr.	38	Coal Loader	Premature Explosion	Face, eyes and breast burned	I
31 Yrs.	41	Miner	Fall of roof	Foot mashed	I
9 Yrs.	28	Miner	Mine car	Body and leg injured	I
5 Yrs.	36	Miner	Fall of roof	One rib broken, back and ankle injured	I
21 Yrs.	50	Miner	Fall of roof	Arm and leg broken—scalp lacerated	I
4 Yrs.	23	Miner	Fall of roof	Mashed through hips	I
12 Yrs.	32	Coal Loader	Fall of roof	Ankle broken and mashed	I
6 Yrs.	20	Electric Loco. Runner	Iron rail and brake stand	Leg injured	I
5 Yrs.	19	Miner	Fall of coal	Bone broken in left ankle	I
10 Yrs.	25	Electric Loco. Runner	Trip ran away	Back injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	FAYETTE COUNTY—Con.				
134	Eureka Coal Co	No. 2	Fred Elswick	2-16-15	American
135	Export Coal Co	Export	H. C. Tincher	10-28-14	American
136	Export Coal Co	Export	Charles Culp	11- 2-14	American
137	Export Coal Co	Export	Frank Smith	12-23-14	American
138	Export Coal Co	Export	Mathew Adkins	2- 9-15	American
139	Export Coal Co	Export	Henry Jones	4-22-15	Negro
140	The Gauley Mountain Coal Co	Buck Run	Joe Melach	8-26-14	Austrian
141	The Great Kanawha Colliery Co	Great Kanawha	John Parsons	6-29-15	American
142	The Hemlock Hollow C. & C. Co	Hemlock	C. S. Osborne	7-11-14	American
143	Holliday Coal Co	Kenney's Creek	L. F. Jones	8-18-14	American
144	Laura Mining Co	Laura	John Hudnace	8-10-14	American
145	Lookout Coal & Coke Co	Lookout	Henry T. Bays	2-24-15	American
146	Lookout Coal & Coke Co	Lookout	James Evans	4- 3-15	American
147	Lookout Coal & Coke Co	Lookout	J. W. Elkins	4- 3-15	American
148	Loup Creek Colliery Co	No. 2	Geo. M. Kinney	7-24-14	American
149	Loup Creek Colliery Co	No. 2	Will Abbott	10-26-14	American
150	Loup Creek Colliery Co	No. 2	E. F. Rule	10-26-14	American
151	Loup Creek Colliery Co	No. 2	Tony Barnet	10-31-14	Polish
152	Loup Creek Colliery Co	No. 2	Neal Hatcher	11-14-14	Negro
153	Loup Creek Colliery Co	No. 2	Everette Hambrick	11-16-14	American
154	Loup Creek Colliery Co	No. 2	William Davis	11-18-14	Negro
155	Loup Creek Colliery Co	No. 2	J. A. Payne	11-23-14	American
156	Loup Creek Colliery Co	No. 2	Homer Lewis	12-11-14	American
157	Loup Creek Colliery Co	No. 2	Frank Blake	1-13-15	American
158	Loup Creek Colliery Co	No. 2	Sam Gillispi	1-15-15	German
159	Loup Creek Colliery Co	No. 2	W. A. French	3-17-15	American
160	Loup Creek Colliery Co	No. 2	Leonard Eades	4-14-15	American
161	Loup Creek Colliery Co	No. 2	Albert Washington	5- 1-15	American
162	Loup Creek Colliery Co	No. 2	Alex Washington	5- 4-15	Negro
163	Loup Creek Colliery Co	No. 2	Ira Sowder	6- 7-15	American
164	Loup Creek Colliery Co	No. 2	Sam Cale	6-18-15	American
165	Loup Creek Colliery Co	No. 2	P. P. Dolin	6-18-15	American
166	Loup Creek Colliery Co	No. 2	Joe Tricoli	6-30-15	Italian
167	M. B. Coal & Coke Co	Elkridge No. 2	C. N. Tamplon	9-25-14	American
168	M. B. Coal & Coke Co	Elkridge No. 1	Charles M. Craig	12-13-14	American
169	M. B. Coal & Coke Co	Kimberly No. 3	Morris Walker	12-18-14	American
170	M. B. Coal & Coke Co	Elkridge No. 1	Robert Huffman	5- 6-15	American
171	M. B. Coal & Coke Co	Elkridge No. 1	G. T. Mount	6-26-15	American
172	McKell Coal & Coke Co	Kilsyth	Lewis Sanders	7-17-14	American
173	McKell Coal & Coke Co	Kilsyth	Punoti Fillips	8- 3-14	Italian
174	McKell Coal & Coke Co	Kilsyth	J. H. Whitley	8-19-14	American
175	McKell Coal & Coke Co	Kilsyth	John Holbrooks	8-28-14	Negro
176	McKell Coal & Coke Co	Derryhale	Roy Lucas	9-10-14	American
177	McKell Coal & Coke Co	Kilsyth	Milton Bolen	9-10-14	Negro
178	McKell Coal & Coke Co	Kilsyth	Roy Lawson	9-14-14	American
179	McKell Coal & Coke Co	Kilsyth	Oliva Placiva	9-29-14	Italian
180	McKell Coal & Coke Co	Kilsyth	Dominick Aili	10-14-14	Italian
181	McKell Coal & Coke Co	Kilsyth	Joe Smisko	11- 4-14	Slavish
182	McKell Coal & Coke Co	Kilsyth	James Brancasto	1-29-15	Italian
183	McKell Coal & Coke Co	Kilsyth	Lewis Euster	2- 4-15	Negro
184	McKell Coal & Coke Co	Kilsyth	Robert Coles	2-23-15	Negro
185	McKell Coal & Coke Co	Kilsyth	John Rossoeri	2-23-15	Russian
186	Michigan Coal Co	Michigan	Everett Willis	9-19-14	American
187	Milburn Coal Co	No. 1	Vinco Chincavitch	7-16-14	Polish
188	Milburn Coal Co	No. 1	Frank Clure	10- 6-14	Russian
189	Milburn Coal Co	No. 1	W. C. Thomas	10- 6-14	American
190	Milburn Coal Co	No. 1	Sherman Johnson	3-22-15	American
191	Milburn Coal Co	No. 1	James Murphy	6-11-15	American
192	The Mt. Carbon Co., Ltd	Vulcan	John Lowe	8-18-14	American
193	Mt. Hope Coal & Coke Co	Baby	Gus Pinson	12-23-14	American
194	New River Collieries Co	Sun	Steve Stoyko	7-19-14	Hungarian
195	New River Collieries Co	Sun	Joe Willis	9-24-14	Negro
196	New River Collieries Co	Sun No. 2	William Krysick	10-23-14	Polish
197	New River Collieries Co	Sun No. 2	John Kempa	11-11-14	Polish
198	New River Collieries Co	Sun No. 1	Tony Drizner	12- 1-14	Polish
199	New River Collieries Co	Sun No. 2	William Sheppard	12-16-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
5 Yrs...	21	Coal Loader...	Fall of roof	Ankle injured	I
10 Yrs...	25	Miner	Blown our shot	Face and arms burned	I
20 Yrs...	40	Miner	Fall of roof	Head and leg injured	I
5 Yrs...	24	Miner	Fall of roof	Back and other injuries	I
10 Yrs...	40	Miner	Fall of roof	Rib broken	I
25 Yrs...	60	Laborer	Railroad car	Body injured	O
8 Yrs...	25	Miner	Fall of roof	Lumbar muscles strained and other injuries	I
3 Yrs...	18	Miner	Fall of roof	Hip and ankle injured	I
10 Yrs...	33	Assistant Mine Foreman	Moving slate	Loss of end of finger	I
5 Yrs...	24	Driver	Mine car	Leg broken	I
6 Yrs...	20	Miner	Fall of coal	Fracture of arm, foot crushed, other injuries	I
10 Yrs...	41	Miner	Premature dynamite explosion	Skull fractured nose off, arm broken, eye out, etc	I
18 Yrs...	33	Miner	Premature dynamite explosion	Eye seriously injured—face burned	I
24 Yrs...	44	Miner	Premature dynamite explosion	Face, eyes and wrist injured	I
7 Yrs...	56	Trackman	Fall of roof	Contusion of body—leg injured	I
3 Yrs...	20	Electric Loco. Runner	Mine car	Index finger cut off third joint	I
15 Yrs. .	42	Mach. Runner..	Fall of roof	Head, face and shoulders injured	I
2Yrs...	42	Miner	Fall of coal	Fracture of left fibula	I
12 Yrs...	36	Miner	Fall of roof	Back and hips injured	I
6 Yrs...	36	Mach. Runner.	Mining machine	Thigh to knee injured	I
40 Yrs...	59	Miner	Fall of roof	Foot and leg mashed	I
10 Yrs...	31	Miner	Steel rail	Third finger right hand end cut off	I
12 Yrs...	24	Brakeman	Fell from mine car	Back injured	I
4 Yrs...	25	Miner	Fall of roof	Rib fractured—shoulder injured	I
18 Yrs ..	33	Miner	Fall of roof	Ankle, side and lower lip injured	I
15 Yrs...	41	Miner	Fall of roof	Fracture of collar bone	I
9 Yrs...	24	Miner	Fall of roof	Left foot injured	I
16 Yrs...	31	Brakeman	Coupling cars	One finger broken and one mashed	I
19 Yrs...	31	Miner	Mine car and roof	Left thumb injured	I
17 Yrs...	33	Trackman	Fall of roof	Foot, knee and back injured	I
2 Yrs...	19	Brakeman	Mine car	Right leg and foot injured—leg probably broken	I
12 Yrs...	65	Miner	Fall of roof	Back and hips mashed	I
4 Yrs...	20	Miner	Mine car	Right arm injured	I
7 Yrs...	24	Electric Loco. Runner	Mine car	Legs cut and bruised	O
25 Yrs...	57	Miner	Fall of coal	Bones in foot fractured	I
6 Yrs...	20	Brakeman	Mine tie	Finger on left hand injured	I
15 Yrs...	30	Driver	Mine car	Leg and ankle injured	I
16 Yrs...	48	Stable Boss	Monitor rope	Ankle injured	O
8 Yrs...	21	Slate Man	Mine car	Badly mashed and lacerated foot	I
3 Yrs...	24	Miner	Fall of roof	Concussion of brain and hand injured	I
7 Yrs...	63	Miner	Burning lamp	Hand burned	I
10 Yrs...	57	Miner	Fall of roof	Ankle injured	I
6 Yrs...	20	Electric Loco. Runner	Mine car	Fractured bone in hand—fingers mashed...	I
6 Yrs. .	32	Driver	Mine car	Finger broken	I
1 Yr ...	18	Driver	Thrown from mule	Fracture of clavicle	O
....	30	Miner	Powder explosion	Face and hands burned	I
2 Yrs...	45	Miner	Fall of coal	Back injured	I
10 Yrs...	53	Slateman	Fall of roof	Hip and leg injured	I
18 Mos..	33	Miner	Fall of roof	Leg injured	I
....	41	Driver	Mine car	Leg and ankle injured	I
15 Yrs...	48	Miner	Fall of roof	Ankle and foot injured	I
2 Mos.	25	Machine Helper	Mining machine	Leg amputated at middle third	I
4 Yrs...	19	Miner	Fall of roof	Two ribs broken	I
....	28	Coal Loader	Fall of roof	Foot mashed and body injured	I
5 Mos..	22	Slateman	Fall of roof	Head and body injured	I
8 Mos..	35	Slateman	Fall of roof	Body, head and back injured	I
....	24	Brakeman	Mine car	Ankle mashed	I
....	31	Timberman	Fall of roof	Dislocated shoulder, ribs fractured and back injured	I
5 Yrs...	19	Miner	Fall of coal	Thigh, leg and knee injured	I
25 Yrs...	40	Miner	Fall of coal	Left leg broken	I
1 Yr....	24	Miner	Mine machine truck	Right fore finger cut off	I
Sev. Yrs.	25	Driver	Fall of roof	Head and thigh injured	I
15 Yrs...	43	Miner	Fall of roof	Right arm broken—cheek injured	I
5 Yrs...	26	Miner	Fall of roof	Foot mashed	I
1 Yr....	19	Driver	Mine car and post	Concussion of brain	I
Sev. Yrs.	28	Driver	Mine car and roof	Spine injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	FAYETTE COUNTY—Con.				
200	New River Collieries Co	Sun No. 2	Alfred Nettle	2-15-15	Hungarian
201	New River Collieries Co	Sun No. 1	N. C. Mills	2-23-15	American
202	New River Collieries Co	Sun No. 2	James Wheeler	3-20-15	Negro
203	New River Collieries Co	No. 1	J. A. Tatten	5-13-15	American
204	New River Collieries Co	Sun No. 2	John Brash, Sr	5-18-15	American
205	New River Collieries Co	Sun No. 2	James Dearing	6-17-15	Negro
206	New River & Poca. Cons. Coal Co	Minden No. 2	Elige Fannin	7- 8-14	American
207	New River & Poca. Cons. Coal Co	Minden No. 3	Toney Dailey	7- 9-14	Italian
208	New River & Poca. Cons. Coal Co	Layland No. 2	Robert Ashby	7-10-14	Negro
209	New River & Poca. Cons. Coal Co	Layland No. 2	Joe Perri	7-15-14	Italian
210	New River & Poca. Cons. Coal Co	Layland No. 2	Tony Valle	7-15-14	Italian
211	New River & Poca. Cons. Coal Co	Minden No. 2	Wm. Harris	7-29-14	American
212	New River & Poca. Cons. Coal Co	Layland No. 2	Balto Raimondo	7-30-14	Italian
213	New River & Poca. Cons. Coal Co	Minden No. 4	Harry Rushton	8- 1-14	English
214	New River & Poca. Cons. Coal Co	Minden No. 2	Walter Crowder	8- 1-14	American
215	New River & Poca. Cons. Coal Co	Minden No. 3	Mike Corsats	8- 3-14	Hungarian
216	New River & Poca. Cons. Coal Co	Minden No. 5	John Uraska	8- 8-14	Polish
217	New River & Poca. Cons. Coal Co	Minden No. 4	Gus McBride	8-18-14	American
218	New River & Poca. Cons. Coal Co	Layland No. 4	Jim Sparico	8-22-14	Italian
219	New River & Poca. Cons. Coal Co	Minden No. 3	C. W. Wilkerson	8-27-14	American
220	New River & Poca. Cons. Coal Co	Minden No. 5	Nick Boyce	8-27-14	Russian
221	New River & Poca. Cons. Coal Co	Minden No. 2	Martin Gillis	8-30-14	Russian
222	New River & Poca. Cons. Coal Co	Minden No. 4	Paul Kukooski	9- 2-14	Austrian
223	New River & Poca. Cons. Coal Co	Minden No. 3	George Croach	9- 5-14	American
224	New River & Poca. Cons. Coal Co	Minden No. 2	Steve Vitco	9-12-14	Austrian
225	New River & Poca. Cons. Coal Co	Weirwood	E. D. Bliss	9-14-14	American
226	New River & Poca. Cons. Coal Co	Layland No. 2	Nick Tochack	9-24-14	Russian
227	New River & Poca. Cons. Coal Co	Weirwood	Frank Berta	10- 2-14	Austrian
228	New River & Poca. Cons. Coal Co	Minden No. 3	Luther Johnson	10- 2-14	American
229	New River & Poca. Cons. Coal Co	Minden No. 5	W. H. Prater	10- 9-14	American
230	New River & Poca. Cons. Coal Co	Minden No. 5	John Rodgers	10-13-14	Litvitch
231	New River & Poca. Cons. Coal Co	Minden No. 4	Geo. Shipperis	10-16-14	Russian
232	New River & Poca. Cons. Coal Co	Minden No. 5	John Vinsky	10-16-14	Russian
233	New River & Poca. Cons. Coal Co	Minden No. 4	Tony Gilmore	10-21-14	Lithuanian
234	New River & Poca. Cons. Coal Co	Minden No. 5	Pete Dilsis	10-22-14	Lithuanian
235	New River & Poca. Cons. Coal Co	Weirwood	George Peach	10-22-14	English
236	New River & Poca. Cons. Coal Co	Weirwood	W. H. Daniels	10-22-14	American
237	New River & Poca. Cons. Coal Co	Minden No. 2	Geo. Lewis	10-26-14	American
238	New River & Poca. Cons. Coal Co	Weirwood	Tony Thippo	10- 5-14	Italian
239	New River & Poca. Cons. Coal Co	Minden No. 4	Geo. Seim	11-12-14	German
240	New River & Poca. Cons. Coal Co	Minden No. 2	Jeff Kilburn	11-17-14	American
241	New River & Poca. Cons. Coal Co	Layland No. 1	Guyseppe Boldi	11-18-14	Italian
242	New River & Poca. Cons. Coal Co	Weirwood	Tony Chirts	11-24-14	Italian
243	New River & Poca. Cons. Coal Co	Layland No. 2	Catania Gaetano	12- 1-14	Italian
244	New River & Poca. Cons. Coal Co	Minden No. 2	John Murray	12- 8-14	Greek
245	New River & Poca. Cons. Coal Co	Minden No. 5	Geo. Radzem	12- 9-14	Litvitch
246	New River & Poca. Cons. Coal Co	Minden No. 5	Fletcher Jones	12- 9-14	American
247	New River & Poca. Cons. Coal Co	Minden No. 3	Charles Wishlitis	12-10-14	Russian
248	New River & Poca. Cons. Coal Co	Minden No. 3	Peter Bibby, Sr	12-11-14	Negro
249	New River & Poca. Cons. Coal Co	Minden No. 4	Frank Grealist	12-23-14	Russian
250	New River & Poca. Cons. Coal Co	Minden No. 5	H. A. Jones	1- 4-15	Negro
251	New River & Poca. Cons. Coal Co	Minden No. 2	Joe Kasnicki	1-15-15	Polish
252	New River & Poca. Cons. Coal Co	Minden No. 2	John Greba	2- 4-15	Litvitch
253	New River & Poca. Cons. Coal Co	Layland No. 1	Clifford Jones	2-24-15	Negro
254	New River & Poca. Cons. Coal Co	Minden No. 5	Walter Koslonsky	2-25-15	Russian
255	New River & Poca. Cons. Coal Co	Minden No. 3	Richard Diggs	3- 3-15	Negro
256	New River & Poca. Cons. Coal Co	Minden No. 4	Jos. Carinace	3- 5-15	Russian
257	New River & Poca. Cons. Coal Co	Minden No. 5	Joe Jarcoff	3- 5-15	Russian
258	New River & Poca. Cons. Coal Co	Minden No. 5	Peter Abritch	3-14-15	Lithuanian
259	New River & Poca. Cons. Coal Co	Minden No. 3	John Venskosky	4- 9-15	Polish
260	New River & Poca. Cons. Coal Co	Minden No. 5	Jos. Andrusky	4-12-15	Lithuanian
261	New River & Poca. Cons. Coal Co	Minden No. 3	H. W. Leach	4-13-15	American
262	New River & Poca. Cons. Coal Co	Minden No. 4	Julian Pozikas	4-16-15	Litvitch
263	New River & Poca. Cons. Coal Co	Layland No. 3	John Vilinsky	4-21-15	Polish
264	New River & Poca. Cons. Coal Co	Minden No. 5	Jim Conoval	4-25-15	Russian
265	New River & Poca. Cons. Coal Co	Minden No. 2	Joe Schmidt	4-28-15	Russian
266	New River & Poca. Cons. Coal Co	Minden No. 5	Joe Koslonsky	4-28-15	Lithuanian
267	New River & Poca. Cons. Coal Co	Weirwood	Joe Mayre	5- 4-15	Hungarian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
8 Yrs.	40	Miner	Fall of roof	Breast bone fractured	I
9 Yrs.	23	Driver (Boss)	Electric Locomotive	Dislocation of ankle joint	I
19 Yrs.	36	Driver	Thrown into gob	Left leg broken—head cut	I
16 Yrs.	30	Mach. Runner	Mining machine	Two fingers cut off	I
27 Yrs.	47	Miner	Shocked by electric wire and fell	Fracturing tenth right rib	I
18 Yrs.	36	Driver	Mine car and mule	Backbone fractured	I
6 Mos.	17	Trapper	Opening door and electric locomotive struck it	Left arm off near shoulder and fracture of pelvis bone	I
6 Mos.	30	Brakeman	Sprocket wheel on elec. locomotive	Bone fractured in left small finger	I
2 Yrs.	21	Trip-rider	Mine car	Small finger mashed off at first joint	I
....	22	Miner	Fall of roof	Spine injured	I
5 Yrs.	27	Miner	Fall of roof	Spine injured	I
3 Yrs.	22	Electric Loco. Runner	Mine car	Mashed through hips	I
....	32	Miner	Fall of roof	Contused wound of knee	I
1 Yr.	30	Coal Loader	Mine car	Right arm injured	I
6 Mos.	30	Mach. Runner	Fall of roof	Eye, Lips and left foot injured	I
3 Mos.	34	Miner	Fall of roof	Back and spinal column injured	I
18 Mos.	21	Brakeman	Retracking car	Rupture	I
1 Yr.	61	Miner	Fall of coal	Rib fractured	I
8 Mos.	22	Miner	Mine car	Left hand badly mashed	I
6 Mos.	50	Miner	Fall of roof	Hips and ankle injured	I
6 Mos.	26	Miner	Mine car	Wounds of fingers	I
1 Yr.	38	Mach. Runner	Mining machine	Left foot mashed	I
6 Mos.	33	Machine Helper	Jack pipe	Contusion of great toe	I
3 Mos.	18	Brakeman	Mine and cable	Right leg injured	I
6 Mos.	34	Miner	Fall of roof	Right leg injured	I
2 Yrs.	34	Laborer	Fall of roof	Dislocation of fingers, other injuries	I
1 Yr.	23	Miner	Fall of roof	Head and face injured	I
1 Yr.	38	Miner	Fall of roof	Fracture of left leg between ankle and knee	I
1 Yr.	23	Wire man	Fall of roof	Fracture of right arm	I
1 Yr.	27	Brakeman	Mine car	Left arm and head injured	I
6 Mos.	38	Miner	Fall of roof	Loss of great toe—foot fractured	I
1 Yr.	28	Miner	Fall of roof	Compound fracture of left foot	I
1 Yr.	30	Miner	Mine car	Contusion of chest and shoulder	I
1 Yr.	50	Miner	Mine car	Contusion of hips, chest and side	I
1 Yr.	33	Miner	Premature blast	Eyes injured and loss of thumb	I
5 Yrs.	28	Laborer	Blown through shot	Face, arm and hip injured	I
10 Yrs.	25	Laborer	Blown through shot	Eyes, face and neck burned and shot full coal	I
....	27	Miner	Fall of roof	One finger on left hand broken	I
1 Yr.	32	Laborer	Fall of roof	Right ankle mashed	I
1 Yr.	34	Miner	Fall of roof	Right leg injured	I
1 Yr.	49	Miner	Fall of coal	Ankle and knee of right leg injured	I
1 Yr.	34	Miner	Fall of roof	Right leg broken below knee	I
4 Yrs.	27	Laborer	Fall of roof	Compound fracture of left leg	I
Sev. Mos.	44	Miner	Fall of roof	One finger fractured—other injured	I
3 Mos.	25	Miner	Mine car and post	Contusion of left leg and hip	I
6 Mos.	24	Miner	Fall of roof	Injured spinal column	I
9 Yrs.	21	Electric Loco. Runner	Fall of roof	Left shoulder and arm injured	I
2 Yrs.	22	Machine Helper	Jack pipe	Contused wound finger on right hand	I
5 Yrs.	61	Teamster	Jumped from wagon	Fracture of right ankle	O
1 Yr.	31	Miner	Fall of roof	Back injured	I
17 Yrs.	33	Miner	Fall of coal	Left arm mashed	I
2 Yrs.	24	Coal Loader	Fall of roof	Back, eye and cheek injured	I
2 Yrs.	28	Miner	Fall of roof	Head and left eye injured	I
18 Mos.	20	Trip rider	Mine car	Loss of toe—bones fractured in left foot	I
1 Yr.	22	Miner	Fall of roof	Left ankle broken	I
3 Yrs.	31	Miner	Putting coal in car	Lacerated wound of the ingunil region.	I
4 Yrs.	45	Miner	Fall of roof	Arm, hand, right foot and ankle injured	I
3 Yrs.	30	Miner	Fall of coal	Forehead, shoulder, knee and leg fractured	I
1 Yr.	48	Driver	Electric Locomotive	Fracture of left clavicle, back, hip and arm injured	I
1 Yr.	29	Laborer	Fall of roof	Contused wound of shoulder	I
2 Yrs.	24	Miner	Fall of roof	Fracture of right leg	I
2 Yrs.	19	Brakeman	Mine car	Fracture of clavicle and left ear injured	I
6 Mos.	35	Miner	Fall of roof	Fracture of tibia and fibula	I
....	41	Laborer	Electric Locomotive	Bruised and mashed through hips	I
2 Yrs.	22	Miner	Fall of coal	Finger of right hand injured	I
1 Yr.	28	Coal Loader	Fall of roof	Head, shoulder and finger injured	I
1 Yr.	31	Coal Loader	Fall of coal	Fracture of right leg and contusion of back	I
6 Mos.	31	Coal Loader	Fall of Coal	Back, side of head, nose and shoulders injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	FAYETTE COUNTY—Con.				
268	New River & Poca. Cons. Coal Co.	Layland No. 1	Joe Hayden	5- 5-15	Negro
269	New River & Poca. Cons. Coal Co.	Minden No. 4	Mike Alexy	5- 6-15	Hungarian
270	New River & Poca. Cons. Coal Co.	Minden No. 2	Herbert Dixon	5- 7-15	American
271	New River & Poca. Cons. Coal Co.	Minden No. 5	J. W. Prater	5-13-15	American
272	New River & Poca. Cons. Coal Co.	Minden No. 5	Geo. Sabol	5-16-15	Slavish
273	New River & Poca. Cons. Coal Co.	Minden No. 5	Charles Murphy	5-17-15	English
274	New River & Poca. Cons. Coal Co.	Minden No. 3	F. L. Blake	5-17-15	American
275	New River & Poca. Cons. Coal Co.	Weirwood	Garfield Davis	5-18-15	American
276	New River & Poca. Cons. Coal Co.	Minden No. 5	G. B. Turner	5-24-15	American
277	New River & Poca. Cons. Coal Co.	Layland No. 2	Cecil May	5-26-15	American
278	New River & Poca. Cons. Coal Co.	Minden No. 2	Stanley Pojaisky	5-31-15	Russian
279	New River & Poca. Cons. Coal Co.	Minden No. 4	Wm. Willaims	5-31-15	Litvitch
280	New River & Poca. Cons. Coal Co.	Layland No. 3	Geo. Pilijovic	6- 2-15	Servian
281	New River & Poca. Cons. Coal Co.	Layland No. 4	Andrew Allen	6- 8-15	Swede
282	New River & Poca. Cons. Coal Co.	Layland No. 3	Joe Klimowicz	6-10-15	Polish
283	New River & Poca. Cons. Coal Co.	Minden No. 4	Walter Propps	6-10-15	American
284	New River & Poca. Cons. Coal Co.	Minden No. 2	John Plezock	6-16-15	Polish
285	New River & Poca. Cons. Coal Co.	Layland No. 4	James McIntyre	6-16-15	Irish
286	New River & Poca. Cons. Coal Co.	Minden No. 2	Clarence Epperly	6-21-15	American
287	New River & Poca. Cons. Coal Co.	Minden No. 5	Joe Toketto	6-22-15	Italian
288	New River & Poca. Cons. Coal Co.	Minden No. 4	C. G. Rudd	6-24-15	American
289	New River & Poca. Cons. Coal Co.	Layland No. 3	Adam Czudek	6-28-15	Polish
290	New River & Poca. Cons. Coal Co.	Layland No. 3	Wilhelm Kruger	6-28-15	German
291	New River & Poca. Cons. Coal Co.	Layland No. 2	H. C. Hicks	6-29-15	American
292	New River & Poca. Cons. Coal Co.	Layland No. 2	Clarence Hicks	6-29-15	American
293	Nichol Colliery Co.	Nichol	Charles Srameq	8-12-14	Bohemian
294	Nichol Colliery Co.	Nichol	Albert Meggiason	2- 7-16	American
295	Quinnimont Coal Co.	Big "Q"	Frank Smardall	2-22-14	Russian
296	Quinnimont Coal Co.	Big "Q"	Alfred Boone	9-29-14	Negro
297	Quinnimont Coal Co.	Old Hill	Nathan Skaggs	2-12-15	American
298	Quinnimont Coal Co.	Old Hill	Albert Hodge	3-30-15	American
299	Quinnimont Coal Co.	Big "Q"	Charles Bucklin	5- 6-15	American
300	Quinnimont Coal Co.	Lick Branch	John Bragg	6-10-15	American
301	Quinnimont Coal Co.	Big "Q"	Melvin Plumly	6-12-15	American
302	Quinnimont Coal Co.	Big "Q"	Jake Smith	6-14-15	American
303	River Valley Colliery Co.	River Valley	Arthur Newton	10-17-14	Negro
304	Scotia Coal & Coke Co.	Once More	Nuncio Yoppolo	7-31-14	Italian
305	Scotia Coal & Coke Co.	Brooklyn	Peter Platzer	8-14-14	Austrian
306	Scotia Coal & Coke Co.	Brooklyn	Ira Hansford	11-17-14	Negro
307	Scotia Coal & Coke Co.	Once More	Tom Ewino, Jr.	4-15-15	American
308	Sewell Colliery Co.	Sugar Camp	Jim Parris	9-29-14	Italian
309	Sewell Colliery Co.	Sugar Camp	E. W. Young	10- 5-15	American
310	Solvay Collieries Co.	No. 1	Jerry Joyce	7-11-14	Negro
311	Solvay Collieries Co.	No. 1	Mike Mangi	7-15-14	Italian
312	Solvay Collieries Co.	No. 1	Everet Young	7-17-14	American
313	Solvay Collieries Co.	No. 1	John Perdew	8-12-14	American
314	Solvay Collieries Co.	Davy	Richard Hamilton	9- 8-14	American
315	Solvay Collieries Co.	Westerly No. 2	C. B. Brooks	9-19-14	American
316	Solvay Collieries Co.	No. 1	Earl Gilley	10-20-14	American
317	Solvay Collieries Co.	No. 1	John Kezele	10-29-14	Austrian
318	Solvay Collieries Co.	No. 1	Martin Debris	11- 7-14	German
319	Solvay Collieries Co.	No. 1	Geo. Carpeak	11-16-14	Slavish
320	Solvay Collieries Co.	No. 5	John Ponovico	12-18-14	Slavish
321	Solvay Collieries Co.	No. 1	Eli Orel	1-12-15	Hungarian
322	Solvay Collieries Co.	Nos. 3-4	J. T. Ingram	1-18-15	American
323	Solvay Collieries Co.	No. 5	Tony Mongie	2- 2-15	Italian
324	Solvay Collieries Co.	No. 1	J. C. Baker	2- 8-15	American
325	Solvay Collieries Co.	No. 4	Ed. Carper	2-11-15	American
326	Solvay Collieries Co.	No. 1 Westerly	Harry Ingram	2-17-15	American
327	Solvay Collieries Co.	No. 1	John Krauntz	2-20-15	Russian
328	Solvay Collieries Co.	Westerly No. 1	Charles Caseq	2-22-15	American
329	Solvay Collieries Co.	No. 1	Frank Starena	2-25-15	American
330	Solvay Collieries Co.	No. 1	W. B. Judson	2-27-15	American
331	Solvay Collieries Co.	No. 1	M. Campbell	3-18-15	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Ssustained	Inside or Outside
2 Mos.	22	Trip rider	Mine car	Chest mashed	I
1 Mo.	40	Coal Loader	Mine car	Skull fractured and head and face injured	I
4 Yrs.	20	Electric Loco. Runner	Throwing switch to cable	Right wrist burned	I
1 Yr.	23	Electric Loco. Runner	Mine car	Contusion of thigh, knee and left leg	I
4 Days.	20	Electric Loco. Runner	Mine car	Compound fracture of thigh, dislocation of left knee	I
1 Yr.	34	Coal Loader	Fall of roof	Ankle, back and spinal column injured	I
25 Yrs.	39	Coal Loader	Fall of roof	Contusion and strain of back	I
5 Yrs.	34	Timberman	Fall of roof	Radius bone right arm broken	I
6 Yrs.	33	Coal Loader	Mine car	Right hand and body lacerated badly	I
10 Days.	20	Laborer	Fall of roof	Right foot mashed	I
3 Yrs.	31	Coal Loader	Fall of roof	Contusion of left leg	I
4 Mos.	22	Coal Loader	Mine car	Severe contusion of left ankle	I
1 Mo.	22	Miner	Fall of roof	Foot and ankle mashed	I
1 Mo.	50	Miner	Fall of roof	Back and leg injured	I
2 Mos.	37	Miner	Mine car	Left shoulder, back, leg and two ribs injured	I
8 Yrs.	27	Brakeman	Cable guide	Right hand injured	I
7 Yrs.	31	Miner	Fall of roof	Wound of left foot and lumbar region of back	I
2 Mos.	58	Laborer	Fall of roof	Contused wound of back and pevineum	I
5 Yrs.	19	Brakeman	Mine car	Right foot and great toe contused	I
1 Yr.	25	Coupler	Mine car	Contused wound of right leg	I
3 Mos.	29	Coal Loader	Fall of coal	Contused wound of toe and foot and fracture of ankle	I
	32	Miner	Fall of roof	Back injured—middle finger amputated	I
2 Mos.	39	Miner	Fall of roof	Contused wound of eye, three ribs fractured	I
22 Days.	19	Miner	Explosion of powder jack	Hands and face burned	I
14 Days.	17	Miner	Explosion of powder jack	Left leg, hands and face burned	I
18 Mos.	27	Trip rider	Mine car	Badly bruised	I
28 Yrs.	54	Miner	Carrying tools and fell down	Rupture	I
6 Wks.	25	Miner	Fall of roof	Three ribs broken	I
3 Yrs.	25	Miner	Premature blast	Face and arm injured	I
Sev. Yrs.	25	Miner	Fall of roof	Right foot injured	I
10 Yrs.	42	Miner	Fall of roof	Hand mashed	I
3 Yrs.	18	Driver	Mine car	Foot badly injured	I
Sev. Yrs.	24	Driver	Mine car	Right leg below knee injured	I
5 Yrs.	28	Mach. Runner	Fall of coal	Hand mashed and finger broken	I
Sev. Yrs.	42	Trackman	Fall of roof	Body crushed	I
4 Yrs.	21	Driver	Mine car	Hips and legs badly bruised	I
Sev. Yrs.	27	Miner	Fall of roof	Hip, arm and chest injured	I
	24	Miner	Mine car	Arm and shoulder bruised and dislocation clavicle	I
10 Yrs.	30	Miner	Fall of roof	Left leg broken	I
3 Yrs.	20	Electric Loco. Runner	Mine car	Arm broken	I
8 Yrs.	21	Electric Loco. Runner	Fall of roof	Hips mashed	I
1 Yr.	29	Coal Loader	Fall of roof	Left leg injured	I
5 Yrs.	22	Loco. Runner	Mine car	Left foot amputated	I
3 Yrs.	18	Brakeman	Mine car	Foot amputated	I
5 Yrs.	33	Miner	Fall of roof	Eye, right ankle and left knee injured	I
10 Yrs.	29	Trackman	Trolley and reel switch	Right hand badly burned	I
8 Yrs.	25	Miner	Fall of coal	Dislocation of last two dorsal vertebra	I
10 Yrs.	32	Trackman	Flying steel	Probably will lose one eye	I
4 Hrs.	15	Coupler	Mine car	Finger on right hand broken	O
6 Yrs.	30	Miner	Fall of roof	Fracture of ankle and back injured	I
15 Yrs.	55	Miner	Fall of roof	Back dislocated and leg fractured	I
5 Yrs.	45	Miner	Fall of roof	Foot and instep injured	I
6 Yrs.	32	Miner	Fall of roof	Bone in leg broken	I
6 Yrs.	35	Miner	Fall of roof	Leg and ankle injured	I
10 Yrs.	35	Machine Man	Lifting a rail	Rupture	O
5 Yrs.	25	Miner	Fall of roof	Head badly injured	I
2 Yrs.	49	Miner	Fall of roof	Left shoulder lacerated	I
7 Yrs.	24	Brakeman	Mine car	Ribs fractured	O
2 Yrs.	22	Mach. Runner	Fall of roof	Compound fracture of left leg	I
1 Yr.	18	Miner	Mine car	Leg broken	I
1 Yr.	17	Coupler	Mine car	Lacerated scrotum	O
5 Yrs.	35	Coal Loader	Fall of roof	Skull and leg fractured	I
10 Yrs.	36	Mine Foreman	Jumping over water hole	Fracture of left leg	I
5 Yrs.	22	Mach. Runner	Fall of coal and roof	Broken jaw	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	FAYETTE CGUNTY—Con.				
332	Solvay Collieries Co	No. 2	John Fadore	3-20-15	Hungarian
333	Solvay Collieries Co	No. 1	Jasper Lipskon	3-30-15	Negro
334	Solvay Collieries Co	No. 1	Jez Fecete	4- 1-15	Slavish
335	Solvay Collieries Co	No. 5	John Grubb	4-28-15	American
336	Solvay Collieries Co	No. 1	Joe Krutzer	5- 4-15	German
337	Solvay Collieries Co	No. 2	Ed. Painter	6-23-15	American
338	Solvay Collieries Co	Kingston	Joe Mango	6-25-15	Italian
339	Solvay Collieres Co	No. 4	Tony Adams	6-29-15	Greek
340	Solvay Collieries Co	No. 2	Paul Bullock	6-29-15	Austrian
341	South Side Company	South Side	Arthur Meeks	10-24-14	American
342	Stone Cliff Coal & Coke Co	Stone Cliff	Jack Smith	12-10-14	American
343	Stone Cliff Coal & Coke Co	Stone Cliff	Dan Clatworthy	1-22-15	English
344	Stuart Colliery Co	Summerlee	Frank Kazinesky	8-17-14	Polish
345	Stuart Colliery Co	Summerlee	Mike Ziminick	9- 1-14	Austrian
346	Stuart Colliery Co	Summerlee	John Bowers	11- 1-14	American
347	Stuart Colliery Co	Summerlee	Geo. Pointuck	6-21-15	Polish
348	Sugar Creek Coal & Coke Co	Sugar Creek	Charles A. Midkiff	1- 1-15	American
349	Sunday Creek Co	No. 101	Toney Mariandi	8-27-14	Italian
350	Sunday Creek Co	No. 114	W. M. Edmonds	10-12-14	Negro
351	Sunday Creek Co	No. 111	Andrew Reed	10-13-14	Negro
352	Sunday Creek Co	No. 111	Jessie Rucker	10-13-14	Negro
353	Sunday Creek Co	No. 114	Dave Moore	11-12-14	Negro
354	Sunday Creek Co	No. 112	Andrea Dolprolto	11-28-14	Italian
355	Sunday Creek Co	No. 114	John Woods	11-28-14	Negro
356	Sunday Creek Co	No. 114	Sofo DiBenir	12-14-14	Italian
357	Sunday Creek Co	No. 112	Pete Duffy	12-19-14	American
358	Sunday Creek Co	No. 111	Dow Platt	12-30-14	American
359	Sunday Creek Co	No. 114	Carl Jackson	1- 6-15	Negro
360	Sunday Creek Co	No. 114	Nick Nacola	1-15-15	Italian
361	Sunday Creek Co	No. 114	Maziana Grassia	1-18-15	Italian
362	Sunday Creek Co	No. 112	Tom Meyers	3-15-15	American
363	Sunday Creek Co	No. 114	John L. Ford	4-18-15	American
364	Sunday Creek Co	No. 114	W. M. Washington	6- 4-15	Negro
365	Sunday Creek Co	No. 114	Will Stevens	6-11-15	American
366	Sunday Creek Co	No. 112	Tony Jim	6-18-15	Italian
367	Turkey Knob Coal Co	Turkey Knob	Ray Dwyer	7-23-14	American
368	Turkey Knob Coal Co	Turkey Knob	Adolf Sysow	8-13-14	Polish
369	Turkey Knob Coal Co	Turkey Knob	J. R. Mills	9- 5-14	American
370	Turkey Knob Coal Co	Turkey Knob	J. L. Clark	10-12-14	English
371	Turkey Knob Coal Co	Turkey Knob	Frank Olschlager	10-21-14	German
372	Turkey Knob Coal Co	Turkey Knob	Pete Lousine	11- 9-14	Italian
373	Turkey Knob Coal Co	Turkey Knob	Augustine Peronette	1-27-15	Italian
374	Turkey Knob Coal Co	Turkey Knob	A. T. Taylor	2-24-15	American
375	Turkey Knob Coal Co	Turkey Knob	Scott Rice	4- 3-15	Negro
376	Turkey Knob Coal Co	Turkey Knob	Geo. Wood	6- 1-15	Negro
377	Turkey Knob Coal Co	Turkey Knob	Lowell Huffman	6-28-15	American
378	White Oak Fuel Co	Scarbro	Robert Dillon	7- 6-14	American
379	White Oak Fuel Co	Scarbro	Mike Mikloskie	7- 7-14	Russian
380	White Oak Fuel Co	Wingrove	Tony Kransey	7-21-14	Polish
381	White Oak Fuel Co	Scarbro	John Zevloskie	8- 1-14	Polish
382	White Oak Fuel Co	Scarbro	Andrew Vargo	8-13-14	Slavish
383	White Oak Fuel Co	Carlisle	Roy Gray	8-24-14	Negro
384	White Oak Fuel Co	Scarbro	Mike Jarus	8-25-14	Polish
385	White Oak Fuel Co	Whipple	John Rostror	9- 7-14	English
386	White Oak Fuel Co	Scarbro	Louis Syspownick	9-15-14	Polish
387	White Oak Fuel Co	Scarbro	Darnoy Fitzer	10-19-14	American
388	White Oak Fuel Co	Scarbro	Pete Garnish	12-14-14	Polish
389	White Oak Fuel Co	Whipple	Platt Croford	1- 7-15	Negro
390	White Oak Fuel Co	Whipple	Ned Bokaria	1-16-15	Italian
391	White Oak Fuel Co	Scarbro	James Marshall	2- 5-15	English
392	White Oak Fuel Co	Scarbro	Ed. Skinner	2- 6-15	Negro
393	White Oak Fuel Co	Scarbro	Ben Harrison	5- 7-15	Russian
394	White Oak Fuel Co	Scarbro	Joe Duchet	6-30-15	German
	GRANT COUNTY				
395	Buffalo Creek Cumberland Coal Co	Buffalo Creek	J. H. Forsythe	5-28-15	American
396	Davis Coal & Coke Co	No. 22	Paul Bullock	6-29-15	Austrian
	HARRISON COUNTY				
397	Antler Coal Co	Hero	Albert Brown	4- 6-15	American
398	Calif Coal Co	Calif	Peter Rouss	7- 3-14	Roumanian
399	Calif Coal Co	Calif	Tom Boner	11- 5-14	Austrian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
15 Yrs.	46	Miner	Fall of roof	Head, hip and shoulders injured	I
2 Yrs.	22	Miner	Fall of roof	Legs mashed	I
1 Yr.	26	Miner	Fall of roof	Ankle mashed	I
15 Yrs.	35	Miner	Fall of roof	Three ribs broken, head and face injured	I
2 Yrs.	26	Miner	Fall of roof	Head and ankle injured	I
5 Yrs.	28	Driver	Mine car	Broken Ankle	I
6 Mos.	21	Brakeman	Mine car	Small bone broken in ankle	O
5 Yrs.	26	Miner	Fall of roof	Back and chest injured	I
22 Yrs.	56	Miner	Fall of roof	Leg broken	I
4 Yrs.	20	Laborer	Premature blast	Left eye put out	I
16 Yrs.	36	Miner	Mine car	Arm fractured	I
40 Yrs.	54	Miner	Shoveling coal	Rib broken	I
12 Yrs.	43	Coal Loader	Fall of coal	Leg broken	I
1 Yr.	....	Brakeman	Fell off car	Left arm broken near wrist	I
12 Yrs.	26	Driver	Mine car and roof	Collar bone broken	I
5 Yrs.	38	Miner	Premature blast	Neck and shoulders bruised—collar bone broken	I
25 Yrs.	40	Miner	Fall of roof	Back broken	I
5 Yrs.	28	Coal Loader	Mine car	Hips mashed	I
20 Yrs.	39	Mach. Runner	Kicked by a mule	Two ribs fractured	I
1 Yr.	16	Spragger	Mine car	Finger mashed	I
10 Yrs.	34	Driver	Mine car and roof	Chest and hips mashed	I
10 Yrs.	27	Coupler	Mine car	Hands and fingers mashed	I
5 Yrs.	27	Mach. Runner	Machine truck	End of two fingers cut off	I
30 Yrs.	50	Miner	Fall of roof	Left foot broken	I
10 Yrs.	49	Miner	Fall of roof	Head and hand injured	I
6 Yrs.	24	Coal Loader	Premature blast	Left leg mashed below knee	I
20 Yrs.	49	Trackman	Fall of roof	Back and hips mashed	I
5 Yrs.	21	Driver	Mine car	One rib broken	I
7 Yrs.	28	Mach. Runner	Mining machine	One finger cut off	I
6 Yrs.	44	Miner	Trolley wire hanger	Rib on left side fractured	I
32 Yrs.	47	Slateman	Fall of roof	Head injured and rib fractured	I
33 Yrs.	50	Miner	Fall of roof	Neck and ankle injured	I
22 Yrs.	52	Miner	Mine car	One rib fractured	I
5 Yrs.	21	Driver	Kicked by a mule	Right side of face crushed	I
2 Yrs.	20	Miner	Fall of coal	Index finger of right hand mashed	I
5 Yrs.	22	Tippleman	Mine car	Hips crushed	I
21 Yrs.	35	Miner	Pick handle	Hand bruised and infected	I
22 Yrs.	35	Miner	Mine car	Finger fractured and badly cut	I
3 Yrs.	22	Brakeman	Electric Locomotive	Foot mashed	I
5 Yrs.	20	Brakeman	Mine car	Fingers crushed	I
2 Mos.	27	Miner	Blown through shot	Face and eye badly injured	I
14 Mos.	37	Laborer	Fall of roof	Head, back and shoulders injured	I
27 Yrs.	48	Miner	Fall of coal	Two ribs fractured	I
18 Yrs.	36	Miner	Fall of coal	Thumb crushed	I
19 Yrs.	33	Driver	Fall of roof	Crotch, ankle, shoulder and side injured	I
5 Yrs.	18	Brakeman	Mine car	Fingers on left hand crushed	I
1 year.	18	Car greaser	Mine car	Knee cap bruised and torn	O
7 Yrs.	38	Miner	Fall of roof	Back injured	I
5 Yrs.	52	Miner	Fall of roof	Shoulder and foot injured	I
9 Yrs.	26	Miner	Fall of roof	Right leg injured at knee	I
14 Yrs.	24	Boss Driver	Mine car	Hand mashed very badly	I
13 Yrs.	21	Driver	Mine car	Side cut and bruised	I
13 Yrs.	30	Miner	Fall of roof	Left foot seriously injured	I
20 Yrs.	36	Fire Boss	Fall of roof	Small toe broken on left foot	I
8 Yrs.	26	Miner	Fall of coal	Stomach and hips injured	I
13 Yrs.	32	Trackman	Mine car	Dislocated hip	I
1 Yr.	20	Miner	Fall of roof	Shoulder, head and hip injured	I
4 Yrs.	19	Brakeman	Fall of roof	Right leg broken	I
4 Yrs.	36	Mach. Runner	Mining machine	Right arm badly lacerated	I
2 Yrs.	17	Brakeman	Electric Locomotive	Arm fractured	I
15 Yrs.	37	Mach. Runner	Fall of roof	Back mashed—cut over eye	I
2 Yrs.	51	Miner	Fall of roof	Leg broken above ankle	I
3 Yrs.	30	Laborer	Fall of timber	Leg broken	O
10 Yrs.	52	Miner	Using axe	Thumb badly cut	I
10 Yrs.	25	Mach. Runner	Mining machine	Laceration of thumb, wrist sprained and head injured	I
9 Yrs.	21	Driver	Fall of coal	Left leg broken three inches above ankle	I
10 Yrs.	45	Miner	Fall of roof	Two ribs broken and back injured	I
3 Yrs.	40	Miner	Ran into a blast	Flesh of arm lacerated	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	HARRISON COUNTY—Con.				
400	Central Fairmont Coal Co	Snake Hill	Frank Checki	9-30-14	Italian
401	Central Fairmont Coal Co	Snake Hill	Geo. Watkins	11-10-14	American
402	Clarksburg Coal Mining Co	Florida	Ernest Alltop	5- 3-15	Amcrican
403	The Consolidation Coal Co	Consolidation No. 42	Joe Romeo	7- 7-14	Italian
404	The Consolidation Coal Co	Consolidation No. 55	John Page	8- 5-14	Crotian
405	The Consolidation Coal Co	Consolidation No. 65	William Z. Leonard	8-26-14	American
406	The Consolidation Coal Co	Consolidation No. 65	Tom Fazio	9-14-14	Italian
407	The Consolidation Coal Co	Consolidation No. 50	J. V. Dyers	9-15-14	American
408	The Consolidation Coal Co	Consolidation No. 29	Joe Harjeko	9-17-14	Russian
409	The Consolidation Coal Co	Consolidation No. 25	Harry Wallace	10- 8-14	American
410	The Consolidation Coal Co	Consolidation No. 21	Clarence Bissett	10-20-14	American
411	The Consolidation Coal Co	Consolidation No. 21	Frank Picalo	10-29-14	Italian
412	The Consolidation Coal Co	Consolidation No. 51	Frank Ross	11-24-14	Italian
413	The Consolidation Coal Co	Consolidation No. 47	John Holico, Sr.	1-29-15	Slavish
414	The Consolidation Coal Co	Consolidation No. 21	Fenton Harrison	2- 8-15	American
415	The Consolidation Coal Co	Consolidation No. 25	John Bogotch	2- 8-15	Slavish
416	The Consolidation Coal Co	Consolidation No. 66	Joe Romeo	3- 2-15	Italian
417	The Consolidation Coal Co	Consolidation No. 32	Stanley Ambroski	3- 2-15	Polish
418	The Consolidation Coal Co	Consolidation No. 40	Louie Powksvic	3- 5-15	Austrian
419	The Consolidation Coal Co	Consolidation No. 66	Roy Osborne	3- 9-15	American
420	The Consolidation Coal Co	Consolidation No. 21	David Tucker	3-11-15	American
421	The Consolidation Coal Co	Consolidation No. 43	Rocco Chencli	3-12-15	
422	The Consolidation Coal Co	Consolidation No. 42	L. H. Martin	3-29-15	American
423	The Consolidation Coal Co	Consolidation No. 27	L. C. Ashcroft	4- 5-15	American
424	The Consolidation Coal Co	Consolidation No. 25	Spencer K. Hill	4-15-15	American
425	The Consolidation Coal Co	Consolidation No. 40	Sam Capicola	4-19-15	Italian
426	The Consolidation Coal Co	Consolidation No. 84	Nick Mosienko	4-22-15	Russian
427	The Consolidation Coal Co	Consolidation No. 54	Louie Fantie	4-26-15	Italian
428	The Consolidation Coal Co	Consolidation No. 66	Mike Russian	5-11-15	Polish
429	Fairmont & Baltimore C. & C. Co	Fairmore	Vinco Covostic	7-10-14	Austrian
430	Fairmont & Baltimore C. & C. Co	Fairmore	Joe Wilson	12-22-14	American
431	Francois Coal & Coke Co	Norwood	Charles Johnson	1- 8-15	Negro
432	Hero Coal & Coke Co	Hero	Frank Martin	10-23-14	American
433	Hutchinson Coal Co	McClandish	Thomas L. Shackleford	7- 9-14	American
434	Hutchinson Coal Co	Hutchinson	Umberto Yaeomsie	8- 8-14	Italian
435	Hutchinson Coal Co	McClandish	John Out	8-31-14	Italian
436	Hutchinson Coal Co	McClandish	Joe Zeman	9- 4-14	Bohemian
437	Hutchinson Coal Co	McClandish	Tony Goots	10- 2-14	Italian
438	Hutchinson Coal Co	Erie No. 2	Geo. Goski	11-14-14	Polish
439	Hutchinson Coal Co	McClandish	F. H. Turner	11-15-14	American
440	Hutchinson Coal Co	Florence	Tony Martus	11-18-14	Hungarian
441	Hutchinson Coal Co	McClandish	W. F. Roush	12-22-14	American
442	Hutchinson Coal Co	McCandlish	Russell W. Drummond	1-14-15	Amcrican
443	Hutchinson Coal Co	Hutchinson	Steve Koletich	1-18-15	Austrian
444	Hutchinson Coal Co	McCandlish	Frank Pennucce	1-26-15	Italian
445	Hutchinson Coal Co	McCandlish	Floria Vetock	4- 6-15	Roumanian
446	Hutchinson Coal Co	Hutchinson	Peter Vickish	4- 9-15	Austrian
447	Hutchinson Coal Co	Hutchinson	Caesor Quatro	4-17-15	Italian
448	Hutchinson Coal Co	Delta	John B. Strupe	6-12-15	American
449	Harry B. Coal & Coke Co	Pitcairn	Paul Martick	9-19-14	Hungarian
450	Harry B. Coal & Coke Co	Pitcairn	Earl Yeager	6-22-15	American
451	Lambert's Run Coal Co	Clauson	Wade N. Ashcraft	10- 3-14	American
452	Lambert's Run Coal Co	Clauson	Mark McGraw	4-22-15	American
453	Lambert's Run Coal Co	Clauson	Nick Nepoli	5-13-15	Italian
454	Maderia-Hill-Clark Coal Co	Goff	Frank Cartese	9- 9-14	Italian
455	Rosebud Fuel Co	No. 1	John Hordicitch	9-29-14	Russian
456	Rosebud Fuel Co	No. 1	Joe Bowers	10-26-14	Litvitch
457	Virginia-Maryland Coal Corp	Willard	John Burnsa	7- 7-14	Slavish
458	Virginia-Maryland Coal Corp	Willard	Ben Fiorelli	10-21-14	Italian
459	Virginia-Maryland Coal Corp	Willard	HenryMorris	4-28-15	Negro
460	Vincent Coal Co	Grasselli	Frank Napola	10- 3-14	Italian
	KANAWHA COUNTY				
461	Black Band Fuel Co	No. 2	Robert Bradshaw	5- 6-15	American
462	Blue Creek Coal & Land Co	No. 2	J. C. Hays	8- 3-14	American
463	Blue Creek Coal & Land Co	No. 3	W. A. Shamblin	8-14-14	American
464	Blue Creek Coal & Land Co	No. 3	J. F. Eikler	9-16-14	American
465	Cabin Creek Cons. Coal Co	Raccoon Gas	Harry Fisher	7- 2-14	American
466	Cabin Creek Cons. Coal Co	Ruby	John Kalosky	7-11-14	Polish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
3 Yrs.	21	Driver	Mine car	Finger on left hand mashed	I
4 Mos.	17	Trapper	Fall of roof	Leg broken	I
4 Yrs.	30	Driver	Mine car	Hips injured	I
	18	Coal Loader	Premature blast	Face and eye badly burned, neck and breast injured	I
11 Yrs.	30	Driver	Mine car	Hips, knees an abdomen injured	I
15 Yrs.	54	Miner	Fall of coal	Three toes broken	I
6 Yrs.	28	Miner	Explosion of monobel	Face and shoulder injured, three teeth out.	I
	22	Brakeman	Electric Locomotive	Right leg broken	I
1 Yr.	26	Miner	Explosion of monobel	Right arm blown off, face and eye burned.	I
	24	Driver	Kicked by mule	Abdomen injured, possibly hurt internally.	I
	33	Grip Car Man	Grip car	Foot mashed	I
	22	Machine Helper	Mining machine	Thumb of left hand cut off at first joint	I
Sev. Yrs.	27	Miner	Fall of coal	Face, hands and head injured	I
5 Yrs.	45	Miner	Fall of coal	Compound fracture of great toe	I
	21	Coal Inspector	Box car loader	Thumb mashed and hand injured	O
12 Yrs.	43	Miner	Fall of posts	Side of face badly cut and bruised	I
3 Mos.	22	Coupler	Mine cars	Righ clavicle fractured	I
1 Yr.	21	Driver	Mine car	Great toe fractured	I
1 Yr.	45	Miner	Mine car	First and second toes of left foot crushed	I
6 Yrs.	23	Driver	Mine car	Left foot possibly fractured	I
	30	Mach. Runner	Auger on mining machine	Right arm broken, causing amputation	I
3 Mos.	40	Miner	Mine car	Dislocation of hips, knee contused	I
10 Yrs.	54	Tipple man	Unloading mine ties	Left arm injured	O
6 Yrs.	34	Miner	Fall of roof	Two ribs fractured, back, shoulder and head injured	I
10 Yrs.	71	Pumper	Mine car	Right testicle injured	I
2 Yrs.	23	Driver	Fall of roof	Left leg fractured above ankle joint	I
1 Mo.	37	Coal Loader	Mine car	Fracture of left tibia two inches above knee	I
1 Yr.	29	Miner	Fall of coal	Right leg fractured and side injured	I
2 Mos.	24	Miner	Fall of roof	Head and face injured	I
7 Yrs.	25	Driver	Mule stepped on foot	Ankle injured	I
7 Yrs.	30	Timberman	Using an axe	Piece of thumb cut off	I
12 Yrs.	37	Driver	Mine car	Two ribs broken, sides, chest and legs injured	I
20 Yrs.	36	Driver	Mine car	Arm injured	I
6 Yrs.	46	Miner	Fall of roof	Head, face and back injured	I
3 Yrs.	37	Car dropper	Railroad cars	Back and limbs injured	O
5 Yrs.	17	Driver	Fall of roof	Head and arm injured	I
20 Yrs.	44	Blacksmith	Circular saw	One finger cut off, others badly crushed	I
15 Yrs.	46	Miner	Fall of roof	Head, back and leg injured	I
5 Yrs.	53	Miner	Fall of coal	Back and spinal column injured	I
19 Yrs.	34	Driver	Mine car	Small finger broken on right hand	I
4 Yrs.	27	Coal Loader	Mine car	One finger cut off, hand injured	I
14 Yrs.	33	Mine Foreman	Mine car	Loss of finger on right hand	I
15 Yrs.	29	Assistant Mine Foreman	Fall of coal	Head badly injured	I
6 Yrs.	30	Timberman	Fall of coal	Back and loins injured	I
11 Yrs.	53	Laborer	Coal from Railroad car	Head injured	O
9 Yrs.	38	Miner	Fall of coal	Knee injured	O
4 Yrs.	22	Machine Helper	Fall of coal	Foot bruised and lacerated	I
2 Yrs.	21	Tippleman	Mine car	Badly lacerated leg	O
20 Yrs.	47	Miner	Mine car	Hip injured	I
1 Mo.	44	Miner	Fall of coal	Hand, shoulder and internal injuries	I
10 Yrs.	21	Driver	Mine car	Broken bone in left leg below knee	I
20 Yrs.	34	Electrocuted	Crating armature	First finger cut off, others mashed	O
11 Yrs.	22	Coal Loader	Fall of coal	Right leg broken at ankle joint	I
13 Yrs.	24	Miner	Explosion of shot	Back cut and bruised	I
12 Yrs.	40	Miner	Fall of coal	Skull fractured, scalp lacerated	I
3 Yrs.	20	Driver	Mine car	Heel bruised, became infected	I
4 Mos.	35	Miner	Premature explosion	Head and face injured	I
15 Yrs.	43	Miner	Fall of coal	Collar bone broken	I
6 Yrs.	32	Miner	Falling of steel rail	Finger on right hand crushed	I
5 Yrs.	28	Coal Loader	Mine car	Side, neck, arm and shoulder injured	I
5 Yrs.	22	Driver	Mine car	Third finger mashed, causing amputation	I
2 Yrs.	30	Miner	Propelling cogs	Hand mashed, small finger cut off	I
10 Yrs.	22	Driver	Machine truck	Bone broken in foot	I
9 years.	21	Driver	Mine car	Side, knee and head injured	I
20 Yrs.	53	Miner	Fall of roof	Leg broken	I
1 Yr.	15	Trapper	Mine car	Concussion of brain, hip injured	I
20 Yrs.	40	Coal Loader	Fall of coal	Head injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Nxme of Person Injured	Date of Acident	Nationality
	KANAWHA COUNTY—Con.				
467	Cabin Creek Cons. Coal Co	Ruby	John Palpi	7-11-14	Roumanian
468	Cabin Creek Cons. Coal Co	Black Tulip	B. Saunders	7-13-14	Italian
469	Cabin Creek Cons. Coal Co	United Gas	John Walluga	7-14-14	Lithuanian
470	Cabin Creek Cons. Coal Co	Empire	A. Ardon	7-15-14	Lithuanian
471	Cabin Creek Cons. Coal Co	Kayford No. 2	W. H. Kemper	7-16-14	American
472	Cabin Creek Cons. Coal Co	Red Warrior	Phil. Malognonesa	7-17-14	Italian
473	Cabin Creek Cons. Coal Co	United Gas	Major Stuvall	7-21-14	Negro
474	Cabin Creek Cons. Coal Co	Shamrock	Harry Barnes	7-21-14	American
475	Cabin Creek Cons. Coal Co	Acme	Clyde Stover	7-26-14	American
476	Cabin Creek Cons. Coal Co	Davis	Henry Barlane	8- 3-14	Italian
477	Cabin Creek Cons. Coal Co	United Gas	William Blasenganes	8-12-14	Negro
478	Cabin Creek Cons. Coal Co	Thistle	Reuben Woods	8-19-14	American
479	Cabin Creek Cons. Coal Co	Cherokee	Charles Gleason	8-24-14	American
480	Cabin Creek Cons. Coal Co	Holly	Clarence McDonald	8-25-14	American
481	Cabin Creek Cons. Coal Co	Cherokee	Rufus Holstein	8-27-14	American
482	Cabin Creek Cons. Coal Co	Black Tulip	Frank Harris	9-10-14	American
483	Cabin Creek Cons. Coal Co	Ruby	Frank Myska	9-10-14	German
484	Cabin Creek Cons. Coal Co	Shamrock	Houston Walker	9-18-14	American
485	Cabin Creek Cons. Coal Co	Rose	Tony Horballa	9-21-14	Polish
486	Cabin Creek Cons. Coal Co	Kayford No. 1	John Tallarico	9-23-14	Italian
487	Cabin Creek Cons. Coal Co	United Gas	Louis Geobasky	9-23-14	Russian
488	Cabin Creek Cons. Coal Co	United Splint	John Gantz	9-28-14	Russian
489	Cabin Creek Cons. Coal Co	Holly	Lee Middlebrook	9-30-14	Negro
490	Cabin Creek Cons. Coal Co	Shamrock	W. P. Ash	9-30-14	American
491	Cabin Creek Cons. Coal Co	Black Tulip	Cecil Snow	10-15-14	Negro
492	Cabin Creek Cons. Coal Co	Kayford	Leslie Spradling	10-26-14	American
493	Cabin Creek Cons. Coal Co	United Gas	R. Slopsty	10-27-14	Russian
494	Cabin Creek Cons. Coal Co	Caledonia	John Jones	10-29-14	Negro
495	Cabin Creek Cons. Coal Co	Ruby	Lee Williams	11- 4-14	Negro
496	Cabin Creek Cons. Coal Co	Buckeye	Angelo Grivis	11-11-14	Italian
497	Cabin Creek Cons. Coal Co	Cherokee	Will H. Porter	11-11-14	American
498	Cabin Creek Cons. Coal Co	Cherokee	Andrew Schubinski	11-14-14	Polish
499	Cabin Creek Cons. Coal Co	Ruby	J. C. Stone	11-23-14	American
500	Cabin Creek Cons. Coal Co	Davis	T. Canterbury	11-30-14	American
501	Cabin Creek Cons. Coal Co	United Gas	John Suspando	12-18-14	Russian
502	Cabin Creek Cons. Coal Co	Raccoon Gas	J. E. Eastham	12-16-14	American
503	Cabin Creek Cons. Coal Co	Raccoon No. 2	Elmer Swanagan	12-28-14	American
504	Cabin Creek Cons. Coal Co	Shamrock	Delbert Stewart	12-30-14	American
505	Cabin Creek Cons. Coal Co	Shamrock	Ed. Wells	1-14-15	American
506	Cabin Creek Cons. Coal Co	Caledonia	Earl Reager	2- 8-15	American
507	Cabin Creek Cons. Coal Co	United Gas	John Kovack	2-16-15	German
508	Cabin Creek Consl Coal Co	Davis	L. H. Richards	3- 8-15	American
509	Cabin Creek Cons. Coal Co	Raccoon No. 2	M. A. Williams	3-11-15	American
510	Cabin Creek Cons. Coal Co	Davis	Paul Matthews	3-15-15	American
511	Cabin Creek Cons. Coal Co	Holly	William Estep	3-16-15	American
512	Cabin Creek Cons. Coal Co	Rose	Fred Howell	3-22-15	American
513	Cabin Creek Cons. Coal Co	Raccoon Gas	Harry Prichard	3-31-15	American
514	Cabin Creek Cons. Coal Co	Cherokee	Geo. Phillips	4- 1-15	American
515	Cabin Creek Cons. Coal Co	Rose	Harry Rankin	4- 6-15	American
516	Cabin Creek Cons. Coal Co	Belleclare	Charles Bolick	4-10-15	Roumanian
517	Cabin Creek Cons. Coal Co	United Splint	Ernie Perry	4-12-15	American
518	Cabin Creek Cons Coal Co	Caledonia	Henry Allen	4-14-15	Negro
519	Cabin Creek Cons. Coal Co	Raccoon No. 2	Ollie McKnight	5- 3-15	American
520	Cabin Creek Cons. Coal Co	Buckeye	Wm. Morehead	5- 5-15	Negro
521	Cabin Creek Cons. Coal Co	Belleclare	Pete Sawicky	5-10-15	Polish
522	Cabin Creek Cons. Coal Co	Cherokee	J. .A. Johnson.	5-11-15	American
523	Cabin Creek Cons. Coal Co	Red Warrior	Joe Deprina	5-14-15	Italian
524	Cabin Creek Cons. Coal Co	Raccoon No. 2, East	Lowe Hatfield	5-14-15	American
525	Cabin Creek Cons. Coal Co	Rose	Tony Holholla	5-28-15	Polish
526	Cabin Creek Cons. Cal Co	Acme	Charles Pete	6- 8-15	Italian
527	Cabin Creek Cons. Coal Co	Rose	James Henderson	6-22-15	American
528	Cabin Creek Cons. Coal Co	Cherokee	H. W. White	6-26-15	American
529	Cabin Creek Cons. Coal Co	Red Warrior	Dan King	6-28-15	American
530	Campbell's Creek Coal Co., The	No. 1	V. S. Casto	12-18-14	American
531	Cannelton Coal & Coke Co	No. 1	Thomas Holmes	8- 4-14	American
532	Cannelton Coal & Coke Co	No. 1	William Lunsford	8-14-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
10 Yrs.	29	Tippleman	Dump lever	Lacerated wound of chest	O
8 Yrs.	55	Coal Loader	Fall of coal	Compound fracture of leg	I
1 Yr.	32	Miner	Fall of roof	Side and hips injured	I
9 Yrs.	21	Coal Loader	Fall of coal	Left collar bone fractured	I
14 Yrs.	38	Coal Loader	Fall of roof	Back injured	I
5 Yrs.	27	Coal Loader	Fall of roof	Compound fracture of great toe, amputated	I
13 Yrs.	22	Driver	Fall of roof	Body bruised	I
7 Yrs.	23	Mining Mach. Runner	Mining machine	Inguinal hernia, testicle injured	I
Sev. Yrs.	20	Driver	Mine car	Fracture of finger on left hand	I
4 Yrs.	21	Driver	Mine car	Dislocation of left ankle	I
Sev. Yrs.	34	Driver	Mine car	Chest, neck and leg bruised, three ribs broken	I
8 Yrs.	19	Brakeman	Electric Locomotive	One finger torn off and one mashed	I
5 Yrs.	35	Mining Mach. Runner	Machine bar	Fracture of sixth rib	I
6 Yrs.	22	Coal Loader	Fall of roof	Clavicle fractured, knee, finger and back injured	I
6 Yrs.	33	Coal Loader	Fall of roof	Dislocation of left shoulder, back and hips injured	I
16 Yrs.	47	Coal Loader	Fall of roof	Leg and ankle injured	I
12 Yrs.	46	Coal Loader	Loading coal	Rupture of long head or biceps muscle	I
17 Yrs.	39	Coal Loader	Fall of roof	Body, arms, legs and head mashed	I
Sev. Yrs.	44	Coal Loader	Mine car	Two fingers injured	I
5 Yrs.	31	Coal Loader	Fall of coal	Foot mashed	I
12 Yrs.	37	Coal Loader	Mine car	Body injured	I
1 Yr.	28	Car dropper	Cable on incline	Body injured	O
10 Yrs.	35	Coal Loader	Fall of roof	Left thigh and right leg injured	I
10 Yrs.	30	Mach. Runner	Machine truck	Fingers mashed, two amputated	I
Sev. Yrs.	26	Coal Loader	Fall of roof	Fracture of left femur	I
5 Yrs.	21	Tippleman	Coupling cars	Compound fractured of middle finger	O
10 Yrs.	30	Brakeman	Mine car	Index finger of left hand cut off	I
Sev. Yrs.	40	Machine Helper	Fall of coal	Simple fracture of left fibula above ankle	I
14 Yrs.	29	Mach. Runner	Machine truck	Great toe on right foot injured	I
Sev. Yrs.	41	Coal Loader	Fall of roof	Left foot injured	I
10 Yrs.	24	Mach. Runner	Fall of roof	Right arm, near wrist, mashed	I
1 Yr.	24	Coal Loader	Fall of coal and roof	Dislocated ankle	I
12 Yrs.	28	Mach. Runner	Fall of roof	Severely injured, may be internal injuries	I
9 Yrs.	22	Machine Helper	Fall of coal	Back and hips injured	I
10 Yrs.	28	Driver	Mine car	Right forearm and wrist injured	I
19 Yrs.	30	Coal Loader	Fall of roof	Head and chest injured, concussion of brain	I
3 Yrs.	17	Trapper	Mine car	Knee and foot injured	I
1 Yr.	14	Spragger	Mine car	Finger severed	I
2 Yrs.	27	Driver	Mine car	Injured through hips	I
3 Yrs.	31	Mach. Runner	Fall of roof	Fracture of left leg	I
4 Yrs.	19	Driver	Mine car	Left shoulder injured	I
12 Yrs.	63	Carpenter	Fell off of mine car	Right side injured	O
30 Yrs.	45	Slateman	Flying steel off of wedge	Eye Injured	I
2 Yrs.	16	Driver	Mine car	Foot and right ankle injured	I
20 Yrs.	29	Coal Loader	Fall of roof	Left foot injured	I
3 Yrs.	16	Brakeman	Mine car	Foot lacerated and bruised	I
8 Yrs.	26	Coal Loader	Fall of roof	Foot injured	I
20 Yrs.	42	Slateman	Fall of roof	Contused wound over tibia, ankle injured	I
2 Yrs.	18	Driver	Mine car	Foot mashed	I
10 Yrs.	39	Driver	Mine car	Finger crushed, causing amputation	I
2 Yrs.	16	Brakeman	Fall of roof	Wrist, scalp and face injured	I
1 Yr.	17	Coal Loader	Fall of roof	Right ankle mashed	I
8 Mos.	14	Trapper	Mine cars	Laceration of leg	I
13 Yrs.	25	Driver	Mine car and post	Right hand mashed	I
2 Yrs.	23	Hanging Wire	Fall of roof	Fracture of fore arm below elbow and wrist	I
20 Yrs.	38	Coal Loader	Fall of roof	Shoulder, back and knee injured	I
9 Yrs.	44	Coal Loader	Fall of roof	Shoulder fractured	I
15 Yrs.	32	Mach. Runner	Machine jack	Hand mashed	I
18 Mos.	39	Coal Loader	Fall of roof	Compound fracture of toes	I
7 Yrs.	26	Driver	Kicked by mule	Fracture of nasal bone, lacerated scalp and lip	I
7 Yrs.	21	Slateman	Mine car and post	Finger mashed, nail removed	O
18 Mos.	21	Coal Loader	Fall of roof	Contused wound of toe, back injured	I
12 Yrs.	27	Tippleman	Fell off of Railroad car	Left shoulder dislocated	O
2 Days	17	Coal Loader	Fall of roof	Right leg broken between knee and thigh	I
20 Yrs.	41	Pumper	Flying brass—cutting brass bolt	Loss of one eye	I
2 Yrs.	20	Miner	Fall of roof	Cut over eye, head, face and shoulders injured, also foot	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	KANAWHA COUNTY—Con.				
533	Cannelton Coal & Coke Co	No. 1	William Keffer	8-22-14	American
534	Cannelton Coal & Coke Co	No. 2 North	Harry Arthur	9-14-14	American
535	Cannelton Coal & Coke Co	No. 1	Dock Scott	6- 9-15	Negro
536	Cannelton Coal & Coke Co	No. 1	Walter Neeley	9-15-14	Negro
537	Coalburgh-Kanawha Coal Co., The	"A"	James Martin	7-25-14	American
538	Coalburgh-Kanawha Coal Co., The	"A"	Earnest Koontz	10-29-14	American
539	Coalburgh-Kanawha Coal Col, The	"B"	Earnest McSurley	12-28-14	American
540	Dry Branch Coal Co	No. 6	Clyde Adkins	1-30-15	American
541	Eureka Coal Co	No. 6	Joseph Elkins	3-29-15	American
542	Eureka Coal Co	No. 1	J. R. Stowers	4- 9-15	American
543	Eureka Coal Co	No. 1	John Doke	5-14-15	Greek
544	Imperial Colliery Co	No. 3	Abe Henderson	7-25-14	American
545	Imperial Colliery Co	No. 1	Miles Hudson	8- 6-14	American
546	Imperial Colliery Co	No. 1	Paul Bassy	10- 1-14	Italian
547	Imperial Colliery Co	No. 1	R. B. Pendleton	12-28-14	American
548	Imperial Colliery Co	No. 1	Clyde Hopkins	1- 9-15	American
549	Kelley's Creek Colliery Co	No. 1	Artie Farmer	11-20-14	American
550	Lewis Coal & Coke Co	Lewis	Irvin Hasting	7-21-14	American
551	Lewis Coal & Coke Co	Lewis	J. W. Douglass	8-14-14	American
552	Mill Creek Cannel Mining Co	Villa	Charles Arnold	7-17-14	American
553	Morris Fork Coal Co	Turner No. 2	Preston Taylor	10-23-14	American
554	Morris Fork Coal Co	Turner No. 2	W. B. Paintiff	11- 2-14	American
555	Morris Fork Coal Co	Turner No. 2	Francis M. O'Brian	6- 7-15	American
556	Olcott Coal & Iron Co	No. 1	Hobert Dave	7-14-14	American
557	Olcott Coal & Iron Co	No. 1	Jess Barlow	7-14-14	American
558	Olcott Coal & Iron Co	No. 1	Dempsey Dunlap	7-14-14	American
559	Olcott Coal & Iron Co	No. 1	Matt Holstine	7-14-14	American
560	Olcott Coal & Iron Co	No. 1	Homer Johnson	7-14-14	American
561	Olcott Coal & Iron Co	No. 1	Alex Ownsby	7-14-14	American
562	Olcott Coal & Iron Co	No. 1	Roy Price	7-14-14	American
563	Olcott Coal & Iron Co	No. 1	Lee Price	7-14-14	American
564	Olcott Coal & Iron Co	No. 1	Everett Shrewsbury	7-14-14	American
565	Olcott Coal & Iron Co	No. 1	J. H. Mooney	8-10-14	American
566	Paint Creek Collieries Co	Banner	Gayton Olian	9- 9-14	Italian
567	Paint Creek Collieries Co	Reynolds	H. H. Mitchell	9-10-14	American
568	Paint Creek Collieries Co	Reynolds	Edward George	10-24-14	American
569	Paint Creek Collieries Co	Scranton	Houston Romine	12- 1-14	American
570	Paint Creek Collieries Co	Reynolds	H. W. Snodgrass	1- 6-15	American
571	Paint Creek Collieries Co	Paint Creek	J. J. Lister	3-12-15	American
572	Paint Creek Collieries Co	Scranton	David Fisher	3-22-15	American
573	Standard-Kanawha Coal Mining Co.	Coalridge No. 1	Edgar Naylor	3-23-15	American
574	Standard Splint & Gas Coal Co	Standard	Jasper Barnhart	9- 8-14	American
575	Southwestern Splint Fuel Co	Black Cat	George S. Sparks	1-21-15	American
576	Sunday Creek Coal Co	No. 105	C. R. Wilkinson	7-27-14	American
577	Sunday Creek Coal Co	No. 105	Henry Perry	8- 4-14	American
578	Sunday Creek Coal Co	No. 108	John Elswick	8- 4-14	American
579	Sunday Creek Coal Co	No. 108	Alex Shawkey	8- 4-14	Hungarian
580	Sunday Creek Coal Co	No. 104	John Brown	8- 8-14	American
581	Sunday Creek Coal Co	No. 105	W. M. Potter	9- 3-14	American
582	Sunday Creek Coal Co	No. 104	Bogie Morris	9-12-14	American
583	Sunday Creek Coal Co	No. 104	Homer Garretson	10- 2-14	American
584	Sunday Creek Coal Co	No. 108	Raymond Jackson	10-15-14	Negro
585	Sunday Creek Coal Co	No. 105	Shelby Wilkinson	10-23-14	American
586	Sunday Creek Coal Co	No. 105	William Potter	10-23-14	American
587	Sunday Creek Coal Co	No. 104	P. L. Lucas	10-26-14	American
588	Sunday Creek Coal Co	No. 105	Will Sanders	11-15-14	American
589	Sunday Creek Coal Co	No. 104	John Grinstead	11- 5-14	American
590	Sunday Creek Coal Co	No. 108	Mike Koych	4-26-15	German
591	Sunday Creek Coal Co	No. 108	George Wills	5-10-15	American
592	Sunday Creek Coal Co	No. 108	Thomas Robinson	5-13-15	American
593	Sunday Creek Coal Co	No. 108	W. C. Shannon	5-16-15	American
594	Sunday Creek Coal Co	No. 108	Shelt. Morris	5-17-15	American
595	Virginia Coal Co	No. 2	J. W. Johnson	8- 7-14	American
596	Virginia Coal Co	No. 1	John Cottrell	8- 8-14	American
597	Virginia Coal Co	No. 2	Harry Blount	3-17-15	American
598	Winifrede Coal Co	West	Albert Collins	8-26-14	Negro
599	Winifrede Coal Co	West	Walter Boshar	1- 4-15	American
600	Winifrede Coal Co	North	W. T. Blasingame	1-11-15	Negro
601	Wyatt Coal Co	Oakley	Mike Goheen	6-23-15	American
	LOGAN COUNTY				
602	Amherst Coal Co	No. 2	John Jette	9-11-14	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
2 Yrs.	15	Trapper	Fall of roof	Back injured	I
3 Yrs.	21	Coal Loader	Fall of coal	Right heel badly bruised	I
15 Yrs.	51	Miner	Fall of coal	Contusion of thigh and knee	I
20 Yrs.	35	Miner	Fall of roof	Hip and foot injured	I
30 Yrs.	47	Electric Loco. Runner	Mine car	Arm broken, back injured	I
11 Yrs.	24	Driver	Mine car	Compound fracture of leg	I
Sev. Yrs.	20	Driver	Mine car	Compound fracture of foot	I
3 Yrs.	17	Miner	Fall of roof	Hips injured	I
10 Yrs.	30	Driver	Mine car	Knee injured	I
35 Yrs.	70	Coal Loader	Mine car	Left leg broken	I
2 Yrs.	35	Coal Loader	Blown through shot	Scalp wounds and body bruised	I
5 Yrs.	20	Driver	Mine car	Left shoulder dislocated	I
6 Yrs.	22	Coal Loader	Fall of roof	Back and hips injured, foot mashed	I
20 Yrs.	40	Coal Loader	Fall of roof	Thigh fractured, arm and shoulder contused	I
30 Yrs.	45	Car trimmer	Chute weights	Head, arm, shoulder and leg injured	O
9 Days.	15	Cartman	Timber and Cart	Forearm fractured	O
Sev. Yrs.	23	Machine Man	Machine bits	Leg fractured	I
5 Yrs.	22	Brakeman	Mine car and post	Head injured	I
18 Yrs.	38	Miner	Fall of roof	Leg broken	I
10 Yrs.	29	Laborer	Fall of roof	Back injured	I
5 Yrs.	19	Driver	Fall of coal	Foot mashed, three toes broken	I
15 Yrs.	32	Miner	Fall of roof	Leg badly injured below knee	I
12 Yrs.	41	Machine Helper	Mining machine	Back and hip injured	I
3 Yrs.	17	Trapper	Explosion of powder	Face and hands burned	I
5 Yrs.	32	Trackman	Explosion of powder	Face, hands and legs burned	I
2 Mos.	16	Trapper	Explosion of powder	Face, arms and legs burned	I
15 Yrs.	57	Miner	Explosion of powder	Face, hands and legs burned	I
10 Yrs.	30	Miner	Explosion of powder	Face and hands burned	I
2 Yrs.	26	Machine Helper	Explosion of powder	Face and hands burned	I
5 Yrs.	23	Miner	Explosion of powder	Face and hands burned	I
5 Yrs.	27	Machine Helper	Explosion of powder	Head and both hands burned	I
	14	Trapper	Explosion of powder	Face and hands burned	I
15 Yrs.	31	Miner	Fall of roof	Hand injured	I
4 Mos.	35	Miner	Fall of roof	Skull fractured, back injured	I
12 Yrs.	34	Coal Loader	Explosion of cartridge	Face, breast and hands burned	I
4 Yrs.	19	Brakeman	Mine car	Arm broken above elbow	I
Sev. Yrs.		Tippleman	Mine car	Foot mashed	O
10 Yrs.	42	Car repairer	Mine car and incline	Fractured ankle	O
Sev. Yrs.	25	Miner	Fall of coal	Two fingers injured	I
5 Yrs.	40	Brakeman	Mine car	Arm injured	I
5 Yrs.	23	Driver	Machine truck	Left hand injured	I
20 Yrs.	39	Miner	Miner's pick	Loss of right eye	I
3 Mos.	19	Driver	Mine car	Collar bone broken, arm and breast injured.	I
12 Yrs.	42	Mach. Runner	Machine jack	Thumb badly mashed	I
Sev. Yrs.	30	Coal Loader	Flying coal	Hip badly bruised	I
	32	Mach. Runner	Fall of roof	Back and groins injured	I
	30	Mach. Runner	Fall of roof	Back and groins injured	I
	60	Coal Loader	Fall of roof	Shoulders, back and neck badly injured	I
2 Mos.	20	Brakeman	Mine car	Thumb mashed off at first joint	I
Sev. Yrs.	50	Coal Loader	Fall of coal	Right foot mashed	I
Sev. Yrs.	27	Machine Helper	Fall of roof	Right leg broken near ankle	I
	23	Driver	Mine car	Left foot badly mashed	I
Sev. Yrs.	18	Coupler	Mine car	Left leg broken above ankle	O
	20	Brakeman	Electric Locomotive	Two fingers on right hand badly lacerated	I
Sev. Yrs.	35	Machine Helper	Mining machine	Toe on left foot severely mashed	I
	20	Car greaser	Mine car	Leg injured between ankle and knee	O
Sev. Yrs.	38	Coal Loader	Fall of roof	Ankle and foot injured	I
	27	Mach. Runner	Fall of coal	Arm and legs injured	I
Sev. Yrs.	30	Driver	Mine car	Left arm injured	I
6 Yrs.	20	Laborer	Fall of roof	Right leg injured and other injuries	I
10 Yrs.	47	Coal Loader	Mining machine	Right leg broken near ankle	I
10 Yrs.	41	Dock Boss	Railroad car	Rib fractured	O
30 Yrs.	54	Drum Runner	Brake lever	Fracture of rib and breast bone	O
35 Yrs.	50	Mine Foreman	Mine car	Fracture of collar bone, breast crushed	I
18 Mos.	17	Trip rider	Mine car	Right leg broken above ankle	I
	24	Miner	Fall of roof	Spine fractured	I
2 Yrs.	18	Brakeman	Electric Locomotive and roof	Shoulder dislocated, hips lacerated	I
10 Yrs.	25	Miner	Fall of roof	Stomach mashed	I
12 Yrs.	28	Weigh Boss	Chute screen fell	Left leg broken	O
1 Yr.	19	Miner	Fall of roof	Head injured, two ribs broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	LOGAN COUNTY—Con.				
603	Aracoma Coal Co	No. 2	Thomas Molock	1- 7-15	Slavish
604	Coal Valley Mining Co, The	Sylva	Calvin Sams	8- 3-14	American
605	Coal Valley Mining Co., The	Sylva	James Miller	3-29-15	American
606	Coal Valley Mining Co., The	Sylva	Joe Bumskie	4-12-15	Polish
607	Coal Valley Mining Co., The	Sylva	Calvin Sams	5-25-15	American
608	Coal Valley Mining Co., The	Sylva	James Gibson	6- 5-15	American
609	Draper Coal & Coke Co	Draper	William Zarnes	2- 1-15	American
610	Draper Coal & Coke Co	Draper	James Hughes	6-24-15	American
611	Ethel Coal Co., The	No 2½	John Narge	11-13-14	Hungarian
612	Gay Coal & Coke Co., The	Gay	John Damren	5-20-15	American
613	Gay Coal & Coke Co., The	Gay	John Vance, Jr	6-21-15	American
614	Island Creek Colliery Co	Switzer	Clifton Wright	7-19-15	Negro
615	Kohinoor Coal & Coke Co	Big Vein	John Roznosic	8- 8-14	Austrian
616	Kohinoor Coal & Coke Co	Kohinoor	M. J. Joffery	8- 8-14	American
617	Kohinoor Coal & Coke Co	Kohinoor	Belasq Sabo	10-27-14	Hungarian
618	Kohinoor Coal & Coke Co	Kohinoor	Gustave Toth	6-29-15	Hungarian
619	Logan Mining Co	Earling	Frank Cartis	8-12-14	Russian
620	Logan Mining Co	Wanda	Sam Diaco	10- 5-14	Italian
621	Logan Mining Co	Earling	Albert Alexander	10-22-14	Negro
622	Logan Mining Co	Earling	Joe Donnally	10-26-14	American
623	Logan Mining Co	Manitoba	Thomas Sanders	10- 6-14	Negro
624	Logan Mining Co	Manitoba	Jack Bermick	11-25-14	Slavish
625	Logan Mining Co	Wanda	Joe Clay	12- 2-14	American
626	Logan Mining Co	Manitoba	Arthur Jenkins	12-11-14	American
627	Logan Mining Co	Manitoba	Ernest Seagraves	12-30-14	American
628	Logan Mining Co	Manitoba	John Romanska	1-21-15	Slavish
629	Logan Mining Co	Manitoba	Harvey Parter	1-22-15	Negro
630	Logan Mining Co	Wanda	Thomas Marvill	2- 3-15	American
631	Logan Mining Co	Manitoba	Sam Frank	2- 4-15	Italian
632	Logan Mining Co	Earling	Charles Literal	2-13-15	American
633	Logan Mining Co	Earling	Bursell Wineland	2-22-15	American
634	Logan Mining Co	Earling	Julious Maresk	2-25-15	Polish
635	Logan Mining Co	Wanda	Sam Belcher	6-14-15	American
636	Logan Mining Co	Mona	Flora Zetna	6-22-15	Roumanian
637	Logan Mining Co	Wanda	Neal Lewis	6-23-15	American
638	Logan Mining Co	Mona	O. Findley	6-25-15	American
639	Logan Mining Co	Earling	Mike Morto	6-26-15	Hungarian
640	Logan Coal Co	Logan	J. A. Sauls	1- 6-15	American
641	Logan Coal Co	Logan	Joe Connello	3- 8-15	Spanish
642	Logan Coal Co	Logan	Walter Evans	3-11-15	American
643	Manbor Coal Co	Manbor	Charles Lemley	7-18-14	American
644	Main Island Creek Coal Co	No. 4	Mike Kepies	7-14-14	Hungarian
645	Main Island Creek Coal Co	No. 4	Charles Smith	7-14-14	American
646	Main Island Creek Coal Co	No. 4	George Dishman	11-28-14	American
647	Main Island Creek Coal Co	No. 5	B. F. McDonald	12- 4-14	American
648	Main Island Creek Coal Co	No. 4	Geo. Parsley	12-16-14	American
649	Main Island Creek Coal Co	No. 4	John Dolko	12-16-14	Greek
650	Main Island Creek Coal Co	No. 4	C. A. Thomas	12-22-14	American
651	Main Island Creek Coal Co	No. 4	Nick Miller	5-10-15	Greek
652	McGregor Coal Co	No. 1	Robert Goings	6-19-15	Negro
653	Mifflin Coal Co	No. 2	Nicholas Flontek	6-16-15	Slavish
654	Monitor Coal & Coke Co	No. 1	John Bugnock, Jr	9-10-14	Hungarian
655	Monitor Coal & Coke Co	No. 3	A. C. Taylor	10- 2-14	American
656	Monitor Coal & Coke Co	No. 3	Fred Mollett	11-11-14	American
657	Monitor Coal & Coke Co	No. 3	N. A. Jones	3- 2-15	American
658	Monitor Coal & Coke Co	No. 3	Harvey Hall	3- 6-15	American
659	Monitor Coal & Coke Co	No. 1	Peter Zacon	4- 7-15	Hungarian
660	Monitor Coal & Coke Co	Beechwood "A"	Henry Kitchen	4-19-15	American
661	Monitor Coal & Coke Co	No. 3	Tony Flora	5-31-15	Italian
662	Monitor Coal & Coke Co	No. 3	William Haslam	6- 2-15	English
663	Monitor Coal & Coke Co	No. 3 "A"	Wayne Williamson	6-23-15	American
664	Rick Creek Coal Co	Wilburn	Mike Bouce	5-13-15	Hungarian
665	Spruce Bend Coal Co	Spruce Bend	Frank Benecorage	8- 4-14	Austrian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Ssustained	Inside or Outside
10 Yrs.	25	Mach. Runner	Fall of coal	Compound fracture of leg, ankle dislocated	I
6 Yrs.	22	Electric Loco. Runner	Mine car	Finger broken on left hand	I
25 Yrs.	59	Coal Loader	Fall of roof	Right leg broken between knee and hip	I
1 Yr.	30	Coal Loader	Fall of roof	One finger broken and one injured	I
7 Yrs.	22	Electric Loco. Runner	Short circuit trolley pole	Neck and hands burned	I
3 Yrs.	50	Car Trimmer	Mine car	Forehead and face cut, arm and back injured	O
5 Yrs.	30	Mach. Runner	Mining machine and bar	Right knee dislocated	I
12 Yrs.	35	Driver	Mine car	Left leg dislocated, causing amputation	I
8 Yrs.	44	Miner	Fall of roof	Compound fracture and dislocation of right ankle	I
6 Yrs.	39	Miner	Fall of roof	Head injured, fear concussion at base of skull	I
7 Yrs.	24	Electric Loco. Runner	Short circuit reel switch	Hand burned	I
9 Yrs.	31	Mach. Runner	Cutter chain and sprocket wheel	Two fingers of left hand broken	I
7 Yrs.	20	Electric Loco. Runner	Fall of roof	Dislocation of shoulder	I
25 Yrs.	45	Coal Loader	Fall of roof	Loss of two fingers	I
6 Yrs.	38	Coal Loader	Fall of coal	Bone broken in leg below knee	I
2 Yrs.	46	Coal Loader	Fall of roof	Four toes broken	I
2 Yrs.	22	Coal Loader	Fall of roof	Leg broken	I
18 Days.	55	Miner	Mine car	Fracture of left ankle	I
8 Yrs.	38	Coal Loader	Fall of coal	Foot mashed	I
2 Yrs.	18	Brakeman	Electric Locomotive	Foot injured	I
Sev. Yrs.	31	Coal Loader	Fall of roof	Back injured	I
2 Yrs.	17	Brakeman	Mine car	Body bruised	I
10 Yrs.	34	Mach. Runner	Fall of coal	Hip and thigh injured	I
6 Yrs.	21	Driver	Mine car	One toe severed	I
5 Wks.	14	Trapper	Switch lever	Left thumb severed	I
18 Days.	29	Coal Loader	Mine car	Ankle fractured and badly bruised	I
7 Mos.	26	Coal Loader	Mine car	Right foot injured	I
12 Yrs.	46	Pump man	Fall of roof	Fracture of bone in leg	I
2 Yrs.	26	Coal Loader	Mine car	Left foot crushed	I
17 Yrs.	32	Machine Helper	Fall of coal	Foot mashed and leg injured	I
3 Yrs.	17	Brakeman	Short circuit on electric wires	Right hand badly burned	O
5 Yrs.	42	Miner	Mine cars	Right leg mashed below knee	I
15 Yrs.	49	Tippleman	Railroad car	Two ribs broken	O
5 Yrs.	38	Coal Loader	Premature blast	Arm burned from hand to elbow	I
30 Yrs.	54	Miner	Blown through shot	Body bruised	I
....	21	Miner	Lumps of coal	End of third finger severed	I
12 Yrs.	40	Coal Loader	Fall of coal	Head cut and body bruised	I
20 Yrs.	49	Carpenter	Constructing chute caught by scraper	Fifth and sixth ribs broken on left side	O
3 Yrs.	20	Tippleman	Mine cars	Left foot mashed, leg fractured	I
4 Yrs.	19	Driver	Mine car	Left leg badly bruised	I
3 Yrs.	28	Miner	Fall of roof	Back injured	I
29 Mos.	25	Slateman	Fall of roof	Arm and head injured	I
2 Yrs.	28	Slateman	Fall of roof	Leg broken and back injured	I
15 Yrs.	30	Miner	Mine car	Hip bruised and contused	I
20 Yrs.	42	Trackman	Spiking hammer	Finger badly mashed	I
1 Yr.	21	Miner	Blown through shot	Face badly injured	I
1 Yr.	19	Miner	Mine car	Clavical fractures, back crushed	I
3 Yrs.	29	Electrician	Switch arced, fired overalls	Leg badly burned from heel to thigh	O
3 Yrs.	25	Machine Helper	Holding latches for machines to pass	Hand badly crushed, one finger severed	I
1 Mo.	39	Mach. Runner	Machine bits	Leg nearly severed at ankle	I
Sev. Yrs.	33	Miner	Fall of roof	Body bruised	I
Sev. Yrs.	19	Driver	Mine car	Hips squeezed	I
5 Mos.	20	Brakeman	Mine car	Great toe badly mashed	I
2 Yrs.	18	Electric Loco. Runner	Mine car	One finger severed, one mashed	I
1 Yr.	50	Dumper	Fell from dump	Left foot badly injured	O
2 Yrs.	18	Water bailer	Water car	Left shoulder dislocated	I
5 Yrs.	35	Blacksmith	Tipple elevators	Chest injured	O
7 Yrs.	22	Brakeman	Mine car	Two fingers broken	I
2 Yrs.	30	Coal Loader	Fall of coal	Left thigh broken and other injuries	I
15 Yrs.	30	Trackman	Dump rail	Toes mashed, two amputated	O
Sev. Yrs.	19	Brakeman	Mine car	Left foot badly injured	I
....	37	Miner	Mine car	Leg and thigh injured	I
4 Mos.	30	Coal Loader	Fall of roof	Back badly injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	LOGAN COUNTY—Con.				
666	Spruce Bend Coal Co.	Sharples	Albert Wilson	9- 9-14	American
667	Spruce Valley Coal Co.	Spruce Valley	Joe Motel	10-26-14	Polish
668	Stone Branch Coal Co	No. 8	Joseph Rice	8- 7-14	American
669	Stone Branch Coal Co	Stone Branch	John Collins	3-31-15	American
670	Thomas, D. C. Coal Co.	Grace	Geo Gambosh	6-26-15	Hungarian
671	United States Coal & Oil Co	No. 2	Charles Laslo	6-19-15	Roumanian
672	United States Coal & Oil Co	No. 2	Geo. Searamine	6-19-15	Roumanian
673	Wilson, H. T. Coal Co	Wilson	Cush Wilson	10-19-14	American
674	Wilson, H. T. Coal Co.	Wilson	John Cary	12- 9-14	American
675	Wilson, H. T. Coal Co.	Wilson	Joe Brockwell	12- 9-14	American
676	Wilson, H. T. Coal Co.	Wilson	H. T. McCoy	12- 9-14	American
677	Wilson, H. T. Coal Co	Wilson	Charles Sass	1- 9-15	Hungarian
678	Wilson, H. T. Coal Co.	Wilson	James Darby	4- 2-15	American
	MARION COUNTY				
679	Buttermore, J. J. Coal Co.	Elizabeth	Guy Starn	3-17-15	American
680	Consolidation Coal Co., The	Consolidation No. 68.	Tony Sautelle	7- 7-14	Italian
681	Consolidation Coal Co., The	Consolidation No. 43.	Geo King	7- 7-14	American
682	Consolidation Coal Co., The	Consolidation No. 26.	Tony Marabinac	7-19-14	Crotian
683	Consolidation Coal Co., The	Consolidation No. 26.	Joseph Madia	7-28-14	Italian
684	Consolidation Coal Co., The	Consolidation No. 43.	Fred Kalial	8-11-14	Syrian
685	Consolidation Coal Co., The	Consolidation No. 56.	Tony Coon	8-11-14	Portuguese
686	Consolidation Coal Co., The	Consolidation No. 38.	Vincent Russo	8-11-14	Italian
687	Consolidation Coal Co., The	Consolidation No. 84.	Frank Marra	8-13-14	Italian
688	Consolidation Coal Co., The	Consolidation No. 45.	Frank Pautlik	8-18-14	Slavish
689	The Consolidation Coal Co	Consolidation No. 38.	Brando Santa	8-25-14	Italian
690	The Consolidation Coal Co	Consolidation No. 36.	Tony Gargarelli	8-25-14	Italian
691	The Consolidation Coal Co	Consolidation No. 84.	Paul Alway	8-28-14	Italian
692	The Consolidation Coal Co	Consolidation No. 22.	James Gregory	8-28-14	American
693	The Consolidation Coal Co	Consolidation No. 43.	W. A. Scritchfield	9- 4-14	American
694	The Consolidation Coal Co	Consolidation No. 28.	John Lanior	9- 8-14	Negro
695	The Consolidation Coal Co	Consolidation No. 43.	Mike Flaneck	9-18-14	Croatian
696	The Consolidation Coal Co	Consolidation No. 53.	Fred Shaver	9-18-14	American
697	The Consolidation Coal Co	Consolidation No. 26.	G. W. Cook	10- 3-14	American
698	The Consolidation Coal Co	Consolidation No. 38.	Clarence Fetty	10- 6-14	American
699	The Consolidation Coal Co	Consolidation No. 28.	Forest Blair	10- 6-14	American
700	The Consolidation Coal Co	Consolidation No. 26.	Joe Johnas	10- 7-14	Slavish
701	The Consolidation Coal Co	Consolidation No. 43.	Louie Cordone	11-27-14	Italian
702	The Consolidation Coal Co	Consolidation No. 36.	Frank Yaquinto	12-21-14	Italian
703	The Consolidation Coal Co	Consolidation No. 22.	John Alexander	12-31-14	Italian
704	The Consolidation Coal Co	Consolidation No. 43.	Paul Bust	1- 8-15	Lithuanian
705	The Consolidation Coal Co	Consolidation No. 63.	Carmine Manzo	1-28-15	Italian
706	The Consolidation Coal Co	Consolidation No. 63.	Marino Girolamo	2- 4-15	Italian
707	The Consolidation Coal Co	Consolidation No. 22.	Vincenzo Pressutto	2- 5-15	Italian
708	The Consolidation Coal Co	Consolidation No. 22.	Clementi Yaunacone	2-15-15	Italian
709	The Consolidation Coal Co	Consolidation No. 43.	Jack Roblec	2-23-15	Polish
710	The Consolidation Coal Co	Consolidation No. 26.	Pete Argoftis	2-26-15	Greek
711	The Consolidation Coal Co	Consolidation No. 43.	Joe Pinsak	3- 5-15	Slavish
712	The Consolidation Coal Co	Consolidation No. 36.	Sam Capots	3- 8-15	Italian
713	The Consolidation Coal Co	Consolidation No. 43.	Simo Garbotchic	3-12-15	Croatian
714	The Consolidation Coal Co	Consolidation No. 26.	Tony Gargarelli	3-16-15	Italian
715	The Consolidation Coal Co	Consolidation No. 63.	Leonardo Bove	3-20-15	Italian
716	The Consolidation Coal Co	Consolidation No. 22.	Thomas Yurasin	4-13-15	Croatian
717	The Consolidation Coal Co	Consolidation No. 47.	Tony Audia	4-22-15	Italian
718	The Consolidation Coal Co	Consolidation No. 36.	Jim Lucano	4-23-15	Italian
719	The Consolidation Coal Co	Consolidation No. 26.	Sam Olliverio	4-28-15	Italian
720	The Consolidation Coal Co	Consolidation No. 59.	Dominick Albany	5-11-15	Italian
721	The Consolidation Coal Co	Consolidation No. 47.	Joe Dotic	5-22-15	Slavish
722	The Consolidation Coal Co	Consolidation No. 26.	Frank Ferrise	6-26-15	Italian
723	Fairmont & Cleveland Coal Co	Parker Run	Fred Coogle	5- 8-15	American
724	Fairmont & Cleveland Coal Co	Parker Run	Louie Chapio	8-13-14	Hungarian
725	Fairmont & Cleveland Coal Co	Parker Run	Boras Griskowee	9- 9-14	Russian
726	Fairmont & Cleveland Coal Co	Parker Run	Frank Tokosh, Jr	6-16-15	Hungarian
727	Fairmont & Cleveland Coal Co	Parker Run	Tony Froll	6-21-15	Austrian
728	Federal Coal & Coke Co	Federal	John Korchinskey	7-15-14	Polish
729	Federal Coal & Coke Co	Federal	Tony Nesto	7-23-14	Hungarian
730	Federal Coal & Coke Co	Federal	Martin Trimoroc	7-24-14	Horwat
731	Federal Coal & Coke Co	Federal	Jay Wells	8- 4-14	American
732	Federal Coal & Coke Co	Federal	Robert Senicar	8-24-14	Austrian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
3 Mos.	36	Trackman	Fall of roof	Leg broken and head cut	I
Sev. Yrs.	22	Coal Loader	Premature blast	Face, arm and shoulders burned	I
Sev. Yrs.	25	Miner	Explosion of cartridge	Burned	I
5 Mos.	19	Brakeman	Electric Locomotive	Left foot mashed	I
4 Yrs.	26	Coal Loader	Explosion of dynamite	Burns, face, body and eye injured	I
2 Yrs.	45	Coal Loader	Fall of roof	Fracture of both femurs lower third	I
3 Yrs.	56	Coal Loader	Fall of roof	Fracture of both femurs lower third	I
6 Yrs.	21	Brakeman	Mine car	Leg injured	I
10 Yrs.	36	Coal Loader	Fall of roof	Body bruised	I
2 Yrs.	21	Driver	Fall of roof	Back and body injured	I
15 Yrs.	40	Coal Loader	Fall or roof	Shoulders, hips and ankle injured	I
1 Yr.	16	Trapper	Electric locomotive	Leg and foot injured	I
Sev. Yrs.	33	Coal Loader	Fall of roof	Back broken	I
15 Yrs.	34	Miner	Fall of coal	Left leg broken below knee	I
6 Mos.	50	Miner	Fall of roof	Hip injured	I
1 Yr.	21	Brakeman	Wooden rail	Fracture of right tibia and fibula	I
1 Mo.	25	Trackman	Steel rail	Finger cut, mashed and broken	I
4 Yrs.	31	Mach. Runner	Mining machine	Great toe mashed and lacerated	I
9 Mos.	23	Miner	Mine car	Hip and foot contused	I
1 Yr.	32	Driver	Mine car	Chest injured, three ribs broken	I
2 Mos.	24	Driver	Mine car	Collar bone broken	I
1 Day.	20	Driver	Mine car	Left ankle injured	I
19 Mos.	52	Miner	Fall of coal	Back injured	I
13 Yrs.	26	Driver	Tail chain	Index finger broken	I
4 Yrs.	30	Miner	Fall of roof	Back crushed, scalp wounded	I
2 Yrs.	20	Driver	Mine car	Right clavicle broken, back and shoulder injured	I
14 Yrs.	33	Machine Man	Fall of roof	End of finger on right hand severed	I
4 Yrs.	32	Mach. Runner	Horse and chain hook	End of left thumb torn off	I
2 Mos.	32	Miner	Fall of coal	Left leg broken, head injured	I
9 Mos.	36	Laborer	Post fell on him	Simple fracture of right radius	I
18 Yrs.	32	Coal Loader	Mining Machine	Laceration of ankle, heel injured	I
6 Mos.	20	Coal Loader	Fall of roof	Hip dislocated, head cut	I
2 Yrs.	19	Laborer	Mine car	Chest bruised, cut above eye	I
3 Mos.	20	Tipple	Mine car	Three fingers of right hand torn	O
15 Mos.	26	Coal Loader	Mine car	Right leg crushed above knee	I
1 Yr.	20	Driver	Mine car	Fracture of left radius	I
7 Mos.	19	Miner	Fall of roof	Compound fracture of left leg	I
12 Yrs.	41	Driver	Mine car	Laceration of thighs	I
6 Mos.	23	Driver	Mine car and track latch	Severe laceration of right leg	I
2 Yrs.	23	Miner	Flying coal from pick	Eye injured	I
2 Yrs.	33	Miner	Mine car	Left thigh fractured	I
6 Mos.	37	Miner	Mine car	Fracture of finger on right hand	I
8 Mos.	18	Miner	Fall of roof	Fracture of pelvis and various other injuries	I
10 Mos.	35	Miner	Fall of roof	Chin, neck and right arm injured	I
4 Yrs.	22	Driver	Mine car	Three fingers on left hand mashed	I
6 Mos.	19	Driver	Mine car	Fracture of left arm, toe crushed	I
5 Yrs.	27	Miner	Flying coal from pick	Injury to right eye	I
10 Mos.	46	Miner	Fall of coal	Compound fracture of left femur, knee injured	I
5 Yrs.	31	Laborer	Railroad cars and rope	Thumb and fingers left hand badly crushed	O
3 Mos.	30	Miner	Mine car	Left knee injured	I
4 Days.	26	Driver	Mine car	Fracture of left fibula, left leg injured	I
6 Mos.	22	Miner	Fall of roof	Fracture of right radius, laceration of forehead	I
1 Yr.	23	Driver	Mine car	Fracture of right tibia	I
6 Yrs.	29	Mach. Runner	Machine truck	Compound fracture of bones in right foot	I
10 Yrs.	28	Laborer	Oiling pump	Left thumb severed	I
3 Mos.	19	Miner	Fall of roof	Right thigh and left leg fractured	I
7 Yrs.	37	Machine Helper	Mining machine	Compound fracture of left leg	I
18 Mos.	31	Laborer	Fall of tipple	Dislocation of bone in foot	O
2 Mos.	30	Miner	Fall of roof	Ankle injured	I
8 Mos.	34	Miner	Fall of roof	Ribs fractured, back and face contused	I
6 Yrs.	20	Driver	Mine car	Legs and ankles injured	I
3 Mos.	34	Miner	Fall of roof	Leg broken above ankle	I
11 Yrs.	27	Miner	Fall of roof	Right leg and knee crushed, back injured	I
6 Mos.	34	Coal Loader	Fall of coal	Ankle contused, finger injured	I
10 Yrs.	38	Driver	Steel rail fell	Fracture and wound of right foot	I
6 Mos.	28	Electric Loco. Runner	Fell on track	Scalp lacerated, hips squeezed	I
3 Yrs.	28	Chainman	Mine car	Right hand broken and crushed	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	MARION COUNTY—Con.				
733	Federal Coal & Coke Co	Federal	Adam Gangilis	8-18-14	Lithuanian
734	Federal Coal & Coke Co	Federal	Paul Yevan	8-19-14	Russian
735	Federal Coal & Coke Co	Federal	Jack Toothman	10- 6-14	American
736	Federal Coal & Coke Co	Federal	Steve Andrich	10-24-14	Russian
737	Federal Coal & Coke Co	Federal	John Turman	11- 6-14	Austrian
738	Federal Coal & Coke Co	Federal	Homer Clayton	11- 9-14	American
739	Federal Coal & Coke Co	Federal	George Wadello	11-17-14	Croatian
740	Federal Coal & Coke Co	Federal	Tony Wier	12- 1-14	Italian
741	Federal Coal & Coke Co	Federal	Alex Homski	12- 2-14	Russian
742	Federal Coal & Coke Co	Federal	C. J. Swiger	12- 5-14	American
743	Federal Coal & Coke Co	Federal	Adolph Sherico	12-12-14	Russian
744	Federal Coal & Coke Co	Federal	Charles Parook	1-13-15	Hungarian
745	Federal Coal & Coke Co	Federal	John Orescovich	1-13-15	Russian
746	Federal Coal & Coke Co	Federal	John Mocutsa	1-14-15	Russian
747	Federal Coal & Coke Co	Federal	Telemanco Julius	1-29-15	Italian
748	Federal Coal & Coke Co	Federal	Joe Rachpopovich	3- 4-15	Syrian
749	Federal Coal & Coke Co	Federal	Tony Polywog	3-13-15	Russian
750	Federal Coal & Coke Co	Federal	W. M. Grady	4- 3-15	Lithuanian
751	Federal Coal & Coke Co	Federal	J J. McGraw	4-20-15	American
752	Federal Coal & Coke Co	Federal	Andy Snyder	4-27-15	Hungarian
753	Federal Coal & Coke Co	Federal	George Green	5- 3-15	Negro
754	Federal Coal & Coke Co	Federal	Mike Brebenia	6- 5-15	Russian
755	Federal Coal & Coke Co	Federal	Sardis Tennant	6-15-15	American
756	Federal Coal & Coke Co	Federal	Daniel Sopchock	6-30-15	Russian
757	Four States Coal & Coke Co	Annabelle	Joe Tusoni	9-10-14	Italian
758	Four States Coal & Coke Co	Annabelle	Mike Markus	9-18-14	Austrian
759	Four States Coal & Coke Co	Annabelle	Joe Dobish	9-22-14	Austrian
760	Four States Coal & Coke Co	Annabelle	Jordan Barber	10- 3-14	Negro
761	Four States Coal & Coke Co	Annabelle	Joe Pecovich	10- 8-14	Polish
762	Four States Coal & Coke Co	Annabelle	Suspom Butterick	10-14-14	Russian
763	Four States Coal & Coke Co	Annabelle	Frank Schmidt	10-31-14	Russian
764	Four States Coal & Coke Co	Annabelle	Paul Thobois	12- 4-14	French
765	Four States Coal & Coke Co	Annabelle	John Penzick	2-27-15	Austrian
766	Four States Coal & Coke Co	Annabelle	Tom Mootich	3-27-15	Austrian
767	Four States Coal & Coke Co	Annabelle	Elmer Milson	4-12-15	American
768	Four States Coal & Coke Co	Annabelle	Frank Snyder	4-13-15	Polish
769	Four States Coal & Coke Co	Annabelle	John Smith	4-16-15	Hungarian
770	Four States Coal & Coke Co	Annabelle	Mike Evanic	4-10-15	Austrian
771	Four States Coal & Coke Co	Annabelle	John Traywood	4-21-15	Russian
772	Four States Coal & Coke Co	Annabelle	Andy Korsenoff	4-26-15	Russian
773	Four States Coal & Coke Co	Annabelle	Alec Slamon	4-29-15	Syrian
774	Four States Coal & Coke Co	Annabelle	Joe Sidock	5-12-15	Polish
775	Four States Coal & Coke Co	Annabelle	Nich Robson	5-19-15	Russian
776	Four States Coal & Coke Co	Annabelle	John Butchen	5-20-15	Russian
777	Four States Coal & Coke Co	Annabelle	Thomas Lee	6- 2-15	Negro
778	Four States Coal & Coke Co	Annabelle	John Sapp	6- 5-15	Russian
779	Four States Coal & Coke Co	Annabelle	James Wright	6-15-15	American
780	Four States Coal & Coke Co	Annabelle	Alonzo Thigpin	6-16-15	Negro
781	Four States Coal & Coke Co	Annabelle	John Cavich	6-28-15	Austrian
782	Four States Coal & Coke Co	Annabelle	Harry Shustock	6-29-15	Russian
783	Harry B. Coal Co	No. 4	Geo. Hartzell	7-25-14	American
784	Jamison Coal & Coke Co	No. 9	Pete Menko	7-13-14	Austrian
785	Jamison Coal & Coke Co	No. 7	Charles Bemish	7-15-14	Austrian
786	Jamison Coal & Coke Co	No. 9	Geo. Green	7-16-14	American
787	Jamison Coal & Coke Co	No. 9	Wes. Washington	7-18-14	American
788	Jamison Coal & Coke Co	No. 8	Wincenty Cheroke	7-18-14	Italian
789	Jamison Coal & Coke Co	No. 7	Frank Boor	7-31-14	American
790	Jamison Coal & Coke Co	No. 9	Andy Gallowich	8- 3-14	Hungarian
791	Jamison Coal & Coke Co	No. 8	Egnut Dremovie	8- 3-14	Austrian
792	Jamison Coal & Coke Co	No. 8	Geo. Beachmont	8- 3-14	Austrian
793	Jamison Coal & Coke Co	No. 7	John Cartrillo	8-12-14	Italian
794	Jamison Coal & Coke Co	No. 9	Cosmer Sakosky	8-20-14	Polish
795	Jamison Coal & Coke Co	No. 9	Dan Kosmich	8-21-14	Austrian
796	Jamison Coal & Coke Co	No. 8	Cart Buatavic	8-23-14	Russian
797	Jamison Coal & Coke Co	No. 9	Stanley Olak	8-26-14	Polish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
10 Yrs.	29	Mach. Puncher.	Mine car	Great toe crushed on left foot	I
1 Yr.	33	Coal Loader	Mine car	Dislocation of humerous, spine fractured	I
4 Yrs.	....	Assistant to Plumber	Carrying pipe and fell	Leg injured at knee	O
6 Mos.	24	Coal Loader	Mine car	Wrist broken, fingers lacerated	I
5 Yrs.	22	Driver	Mine car	Hips squeezed and muscles bruised	I
6 Yrs.	36	Electric Loco. Runner	Mine car	Right leg crushed, fracture of tibia & fibula.	I
11 Yrs.	35	Coal Loader	Mine car	Fracture of ribs, temple lacerated	I
1 Yr.	15	Tool boy	Rip saw	Fingers lacerated	O
4 Yrs.	26	Miner	Fall of roof	Finger, back, right arm and cheek injured	I
7 Yrs.	37	Trackman	Flying coal	Knees contused, fracture of palilla	I
5 Yrs.	39	Mach. Puncher	Puncher machine	Right foot crushed	I
9 Mos.	32	Machine Helper	Machine lever	Fracture of ribs	I
4 Yrs.	30	Coal Loader	Fall of coal	Internal injuries about pelvis	I
3 Yrs.	29	Coal Loader	Mine car	Fracture of clavicle	I
5 Mos.	17	Coupler	Mine car	Right foot crushed	I
2 Yrs.	44	Assistant Shot Firer	Batteries and exploders in pocket	Right thigh, right hand burned	I
15 Mos.	21	Coal Loader	Mine car	Fractured clavicle middle third	I
10 Yrs.	24	Coal Loader	Mine car	Left clavicle fractured, chest injured	I
2 Yrs.	42	Car Inspector	Fell from railroad cars	Sprained and contused right ankle	O
11 Yrs.	38	Brakeman	Electric Locomotive	Scalp lacerated, thigh contused	I
33 Yrs.	49	Coal Loader	Removing post	Lacerated and contused hand	I
2 Yrs.	39	Miner	Mine car and post	Right arm lacerated	I
7 Yrs.	33	Teamster	Fell, over bags of plaster	Shoulder lacerated, injuries to chest	O
1 Yr.	20	Coal Loader	Mine car	Chest squeezed, scalp wounded	I
5 Mos.	21	Coal Loader	Fall of roof	Back, right foot, potts fractire tibia & fibula	I
10 Yrs.	25	Brakeman	Mine car	Compound fracture of right leg, left leg contused	I
3 Yrs.	25	Brakeman	Mine car	Wound on nose and lip injured	I
2 Yrs.	31	Brakeman	Mine car	Right leg fractured, compound fracture of left leg	I
16 Mos.	18	Brakeman	Mine car	Right arm contused severely	I
1 Yr.	40	Coal Loader	Mine car	Severe contusion of left leg	I
1 Mo.	32	Machine Helper	Mining machine	Left hip dislocated	I
2 Yrs.	40	Tippleman	Mine car	Wrist injured and hand broken	O
7 Yrs.	28	Miner	Mine car	Bad cut over left eye	I
5 Yrs.	46	Laborer	Carrying a switch frog and fell	Fracture of leg above ankle	I
15 Yrs.	29	Pipe Foreman	Head struck roof	Scalp wound on top of head	I
11 Yrs.	20	Laborer	Iron pipe fell on hand	Contused wound of finger	I
10 Yrs.	29	Coal Loader	Struck by pick	Head injured	I
5 Yrs.	29	Coal Loader	Mine car	Several ribs fractured, lung punctured, etc.	I
1 Day	31	Coal Loader	Fall of coal and roof	Back injured	I
10 Mos.	24	Brakeman	Mine car	Left arm fractured, chest, shoulder and toes injured	I
18 Mos.	20	Coal Loader	Fall of coal	Severe wound of left ankle	I
20 Mos.	30	Coal Loader	Fall of coal	Head, face, back and knee injured	I
2 Yrs.	34	Coal Loader	Mine car	Both legs and arm injured	I
3 Yrs.	27	Mach. Runner	Machine bits	Right hand lacerated	I
2 Wks.	25	Mach. Runner	Mining machine	Lacerated and contused lips, arm and knee injured	I
10 Yrs.	31	Mach. Runner	Electric Locomotive and tie	Severe contused wound of right ankle	I
6 Yrs.	35	Coal Loader	Mine car	Shoulder, chin and side of head injured	I
5 Yrs.	24	Machine Helper	Machine and skid	Two fingers badly injured	I
2 Yrs.	24	Mach. Runner	Mining machine	Right knee injured	I
2 Yrs.	31	Coal Loader	Lifting a car	Right inguinal hernia	I
20 Yrs.	38	Boss driver	Fall of roof	Right knee crushed	I
4 Yrs.	21	Brakeman	Mine car	Crushed ankle	I
5 Yrs.	34	Machine Helper	Miner's pick	Left hand badly cut	I
26 Yrs.	55	Coal Loader	Coal and pick	Foot punctured	O
1 Mo.	31	Fireman	Steam from tube	Chest burned and head cut	O
18 Mos.	47	Slateman	Fall of coal	Contused Pelvis	I
15 Yrs.	36	Driver	Mine car	Right foot mashed	I
4 Yrs.	24	Mach. Runner	Puncher machine	Head cut and bruised	I
9 Yrs.	26	Mechanic	Electric Locomotive	Contusion of ankles	I
1 Mo.	29	Electric Loco. Runner	Electric Locomotive	Right leg fractured	I
14 Mos.	25	Slate picker	Mine car	Hips and sides cut	O
6 Wks.	38	Coal Loader	Fall of roof	Head, hand and foot cut and bruised	I
2 Wks.	22	Brakeman	Electric Locomotive	Finger injured	I
3 Mos.	32	Miner	Fall of coal and roof	Back injured, right leg broken	I
1 Mo.	28	Driver	Mine car	Nose and ear injured, ribs broken and lung punctured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	MARION COUNTY—Con.				
798	Jamison Coal & Coke Co	No. 9	Ginko Nean	9- 1-14	Russian
799	Jamison Coal & Coke Co	No. 7	John Daudzuk	9- 3-14	Austrian
800	Jamison Coal & Coke Co	No. 8	Dan Kolina	9-16-14	Austrian
801	Jamison Coal & Coke Co	No. 9	Joe Verbenage	9-17-14	Austrian
802	Jamison Coal & Coke Co	No. 9	Dom Bradich	9-18-14	Austrian
803	Jamison Coal & Coke Co	No. 9	John Baker	9-18-14	American
804	Jamison Coal & Coke Co	No. 9	Geo. Lacock	10-14-14	Austrian
805	Jamison Coal & Coke Co	No. 9	John Senko	10-20-14	Hungarian
806	Jamison Coal & Coke Co	No. 9	Roy Holler	10-21-14	Austrian
807	Jamison Coal & Coke Co	No. 8	Pete Tombasto	10-26-14	Italian
808	Jamison Coal & Coke Co	No. 8	Nick Sycaruse	10-26-14	Italian
809	Jamison Coal & Coke Co	No. 7	Hugh McSarrity	10-27-14	American
810	Jamison Coal & Coke Co	No. 9	Geo Menus	11-19-14	Austrian
811	Jamison Coal & Coke Co	No. 8	Mike Robish	12-12-14	Austrian
812	Jamison Coal & Coke Co	No. 9	Frank Redmond	1- 6-15	American
813	Jamison Coal & Coke Co	No. 7	Geo. Veschenko	1-16-15	Russian
814	Jamison Coal & Coke Co	No. 8	Evan Noamie	1-18-15	Russian
815	Jamison Coal & Coke Co	No. 9	Joe Donovich	1-26-15	Austrian
816	Jamison Coal & Coke Co	No. 9	Mike Govnack	2- 4-15	Russian
817	Jamison Coal & Coke Co	No. 8	Stanley Foutak	2- 8-15	Polish
818	Jamison Coal & Coke Co	No. 9	Emil Cavage	2-13-15	Austrian
819	Jamison Coal & Coke Co	No. 8	Evan Koburn	2-15-15	Roumanian
820	Jamison Coal & Coke Co	No. 9	Melley Bodich	2-16-15	Austrian
821	Jamison Coal & Coke Co	No. 8	Angelo Massard	3- 2-15	Italian
822	Jamison Coal & Coke Co	No. 7	R. Sausone	3- 2-15	Italian
823	Jamison Coal & Coke Co	No. 7	M. Colosky	3- 9-15	Austrian
824	Jamison Coal & Coke Co	No. 9	Frank Ledus	3-15-15	Austrian
825	Jamison Coal & Coke Co	No. 7	F. Shontleck	3-18-15	Austrian
826	Jamison Coal & Coke Co	No. 8	Walter Veruda	3-20-15	Austrian
827	Jamison Coal & Coke Co	No. 7	Joe Robinich	3-26-15	Horwat
828	Jamison Coal & Coke Co	No. 7	Mike Pimkite	4- 3-15	Austrian
829	Jamison Coal & Coke Co	No. 9	John George	4-13-15	Italian
830	Jamison Coal & Coke Co	No. 9	John Shimmell	4-16-15	Hungarian
831	Jamison Coal & Coke Co	No. 7	John Hughes	4-21-15	American
832	Jamison Coal & Coke Co	No. 7	Leo Tonkonie	4-30-15	Austrian
833	Jamison Coal & Coke Co	No. 8	Paval Kowovich	5- 4-15	Russian
834	Jamison Coal & Coke Co	No. 7	Carl Davis	5- 8-15	American
835	Jamison Coal & Coke Co	No. 9	John Popp	5-21-15	Polish
836	Jamison Coal & Coke Co	No. 9	John Unike	5-29-15	Roumanian
837	Jamison Coal & Coke Co	No. 8	Matt Skivtish	5-22-15	Austrian
838	Jamison Coal & Coke Co	No. 8	Geo. Tonkovich	6- 8-15	Russian
839	Jamison Coal & Coke Co	No. 7	Joe Sopos	6-10-15	Polish
840	Jamison Coal & Coke Co	No. 9	Nick Botlich	6-12-15	Austrian
841	Jamison Coal & Coke Co	No. 9	Vincent Kovich	6-19-15	Russian
842	Jamison Coal & Coke Co	No. 7	Hugh Docgnan	6-21-15	American
843	Jamison Coal & Coke Co	No. 7	Joe Sertich	6-22-15	Horwat
844	Jamison Coal & Coke Co	No. 9	Mike Grutish	6-23-15	Austrian
845	Jamison Coal & Coke Co	No. 7	Frank Sape	6-25-15	Polish
846	New Central Coal Co	Stafford	Wm. Udras	8-19-14	Polish
847	New Central Coal Co	Stafford	John Harry	10- 2-14	Hungarian
848	New Central Coal Co	Stafford	Elie Cosmo	12- 7-14	Hungarian
849	New Central Coal Co	Stafford	Frank Day	12-30-14	Hungarian
950	New Central Coal Co	Stafford	L. W. Thorn	12-13-14	American
851	New Central Coal Co	Stafford	John Patuca	2-15-15	Hungarian
852	New Central Coal Co	Stafford	Silas Wilson	3- 5-15	American
853	New Central Coal Co	Stafford	Nick Mausick	1-16-15	Horwat
854	Virginia & Pittsburgh C. & C. C., The	Kingmont	Edward Hall	9-12-14	American
855	Virginia & Pittsburgh C. & C. C., The	Kingmont	R. R. Dodd	2- 8-15	American
856	Virginia & Pittsburgh C. & C. C., The	Kingmont	Wactaw Strzelecki	5- 4-15	Polish
857	Virginia & Pittsburgh C. & C. C., The	Kingmont	Ros Lepera	9- 4-14	Italian
	MARSHALL COUNTY				
858	Ben Franklin Coal Co. of W. Va	Panama	John Hassan	6-28-15	Slavish
859	Wheeling Steel & Iron Co	Benwood	Joseph White	11- 6-14	American
860	Wheeling Steel & Iron Co	Benwood	Mark Crosby	6-18-15	American
	MASON COUNTY				
861	Hutchinson Coal Co	Linden	Ray Riffle	7-30-14	American
862	Hutchinson Coal Co	Linden	W. M. Roach	11- 8-14	American
863	Hutchinson Coal Co	Linden	E. G. Knopp	2-23-15	American
864	Hutchinson Coal Co	Linden	E. G. Knopp	6-25-15	American
865	Hutchinson Coal Co	Linden	Henry Nease	6-28-15	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Ssustained	Inside or Outside
3 Yrs...	26	Coal Loader....	Mine car......................	Body bruised............................	I
7 Yrs...	33	Miner..........	Fall of roof.....................	Left ankle broken........................	I
2 Yrs...	29	Coal Loader....	Fall of roof.....................	Contused foot and ankle..................	I
5 Wks..	22	Driver.........	Mine car......................	Foot mashed............................	I
10 Days.	21	Driver.........	Mine car......................	Foot mashed............................	I
3 Mos..	24	Teamster......	Barrel of oil.....................	Foot mashed............................	O
8 Days.	24	Driver.........	Mine car......................	Collar bone broken.......................	I
1 Mo...	35	Coal Loader....	Flying coal from pick...........	Loss of sight of one eye..................	I
5 Yrs...	31	Bottom cager...	Falling coal.....................	One finger mashed and one broken	I
....	17	Brakeman.....	Electric Locomotive and post.....	Contused and bruised right leg and thigh....	I
14 Days.	22	Miner..........	Fall of roof.....................	Lacerated scalp..........................	I
15 Yrs...	32	Driver.........	Fall of coal.....................	Loss of index finger near first joint........	I
3 Yrs...	43	Coal Loader....	Mine car......................	Collar bone fractured and chest bruised....	I
2 Mos..	25	Miner..........	Fall of roof.....................	Contused knee and back..................	I
10 Yrs...	28	Driver.........	Mine car......................	Hips and abdomen injured...............	I
5 Mos..	33	Coal Loader....	Mine car......................	Crushed through hips....................	I
6 Wks..	20	Driver.........	Mine car......................	Right leg fractured......................	I
6 Yrs. .	22	Brakeman.....	Mine car......................	Loss of finger at first joint...............	I
6 Yrs..	38	Mach. Puncher.	Machine....	Right hand broken and mashed	I
4 Mos..	32	Miner..........	Fall of roof.....................	Right knee injured.......................	I
4 Yrs...	28	Coal Loader....	Fell off bridge..................	Head, face and back injured..............	O
7 Yrs...	32	Miner..........	Steel wedge.....................	Puncture wound of right leg..............	I
4 Yrs...	24	Coal Loader....	Fall of roof.....................	Dislocated shoulder, back injured.........	I
6 Mos..	38	Brakeman.....	Mine car......................	Finger badly mashed.....................	I
12 Yrs. .	35	Carpenter......	Building fell on him.............	Shoulder dislocated, body bruised.........	O
3 Yrs...	28	Miner..........	Fall of roof.....................	Arm and leg broken......................	I
3 Yrs...	24	Machine Helper	Fall of roof.....................	Back Injured............................	I
2 Yrs...	44	Coal Loader....	Fall of coal.....................	Right knee injured.......................	I
5 Mos..	21	Miner..........	Fall of coal.....................	Back contused..........................	I
6 Yrs...	24	Laborer........	Steel rails......................	Fingers badly mashed....................	I
2 Wks..	22	Laborer........	Mine car......................	Foot badly mashed......................	I
1 Yr....	32	Cager..........	Mine car......................	Ankle mashed and lacerated..............	I
6 Yrs...	35	Machine Helper	Fall of coal and roof............	Foot mashed, internal injuries............	I
35 Yrs...	67	Laborer........	Oil feed and journal.............	Left hand mashed.......................	O
9 Yrs...	38	Coal Loader....	Mine car......................	Finger injured and amputated............	I
1 Mo...	28	Coal Loader....	Explosion of powder, flying coal..	Left leg fractured.......................	I
5 Yrs...	23	Brakeman.....	Coupling mine cars..............	Right foot mashed.......................	I
7 Yrs...	32	Slateman......	Fall of roof.....................	Leg crushed, scalp wound and internal injuries..............................	I
6 Yrs...	38	Slateman......	Fall of roof.....................	Leg crushed and internal injuries.........	I
3 Yrs...	32	Cutter..........	Fall of roof.....................	Lacerated scalp..........................	I
10 Yrs...	35	Coal Loader....	Fall of coal.....................	Contused back, lacerated scalp...........	I
5 Yrs...	45	Machine Helper	Mine car......................	Foot injured............................	I
6 Yrs...	28	Electric Loco. Runner......	Electric locomotive and car......	Leg broken below knee..................	I
5 Yrs...	27	Coal Loader....	Mine car......................	Shoulder contused, face lacerated.........	I
24 Yrs...	37	Driver.........	Fall of roof.....................	Left leg broken, left hand injured.........	I
6 Yrs...	36	Coal Loader....	Fall of coal.....................	Right leg broken.........................	I
4 Yrs...	21	Driver.........	Mine car......................	Muscles torn loose above knee...........	I
1 Yr...	16	Slate picker....	Conveyor Machinery............	Left foot cut badly, right foot slightly.....	O
2 Yrs...	20	Coal Loader....	Mine car......................	Four ribs broken, both sides mashed......	I
Sev. Yrs.	34	Miner..........	Fall of roof.....................	Rib broken..............................	I
6 Yrs...	49	Miner..........	Fall of roof.....................	Shoulder injured, foot and heel contused...	I
2 Mos..	37	Coal Loader....	Fall of roof.....................	Neck injured and foot lacerated..........	I
3 Yrs...	19	Laborer........	Chain broke at tipple............	Fracture of acromial process of scopola....	I
15 Days.	24	Mach. Puncher.	Machine.......................	Back and right hand injured.............	I
5 Yrs...	24	Brakeman.....	Electric Locomotive............	Left foot crushed.......................	I
15 Days.	39	Miner..........	Fall of roof.....................	Right thigh, shoulder, arm and head injured	I
5 Yrs...	20	Driver.........	Fall of roof.....................	Leg broken and one rib cracked...........	I
3 Yrs...	18	Driver.........	Mine car......................	Body squeezed and bruised..............	I
2 Yrs...	20	Miner..........	Blown through shot.............	Head, neck and hand injured.............	I
7 Yrs...	36	Miner..........	Fall of roof.....................	Head and hands injured..................	I
4 Yrs...	32	Coal Loader....	Fall of roof.....................	Left leg dislocated at knee...............	I
Sev. Yrs.	50	Miner..........	Mine car......................	Leg cut and one bone broken.............	I
Sev. Yrs.	50	Miner..........	Fall of roof.....................	Arm crushed and lacerated	I
3 Yrs...	19	Laborer........	Fall of roof.....................	Back and hips mashed....................	I
10 Yrs...	40	Timberman....	Fall of roof.....................	Left leg broken.........................	I
3 Yrs...	23	Coal Loader....	Fall of coal.....................	Foot and ankle injured..................	I
3 Yrs...	23	Driver.........	Mine car......................	Leg squeezed and bruised...............	I
8 Yrs...	23	Machine Man...	Flying steel from pick..........	Eye seriously injured....................	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	McDOWELL COUNTY				
866	Algoma Coal & Coke Co	Piney	Senter Young	8- 1-14	American
867	Algoma Coal & Coke Co	Piney	S. C. Calloway	8-28-14	American
868	Algoma Coal & Coke Co	Piney	Fred Lusk	9- 8-14	American
869	Algoma Coal & Coke Co	Piney	Tom Johnson	12-15-14	Negro
870	Algoma Coal & Coke Co	Piney	Andrew Stills	1- 4-15	American
871	Algoma Coal & Coke Co	Norfolk	John Toth	1-25-15	Hungarian
872	Algoma Coal & Coke Co	Stone Bank	John Brannock	3-18-15	Russian
873	Algoma Coal & Coke Co	Piney	Steve Stargent	4-17-15	American
874	Algoma Coal & Coke Co	Piney	Lester Banks	5-13-15	Negro
875	Algoma Coal & Coke Co	Piney	Jeff Broadinax	6-28-15	Negro
876	Ashland Coal & Coke Co	Monitor	Dominick Ericola	9-18-14	Italian
877	Ashland Coal & Coke Co	Ashland	Tony Perpillia	12- 4-14	Italian
878	Ashland Coal & Coke Co	Monitor	Herbert Heckman	12-19-14	American
879	Ashland Coal & Coke Co	Monitor	Joe. R. Moore	1-31-15	Negro
880	Ashland Coal & Coke Co	Graber	Senze Enrico	2- 8-15	Italian
881	Ashland Coal & Coke Co	Ashland	Liby L. Wingfield	3-26-15	American
882	Ashland Coal & Coke Co	Ashland	John Hollond	5-28-15	American
883	Black Wolf Coal & Coke Co	Black Wolf	H. M. Siphens	9-16-14	Negro
884	Black Wolf Coal & Coke Co	Black Wolf	Floyd Finney	12-17-14	Negro
885	Bottom Creek Coal & Coke Co	No. 2	Ellis Harris	10-29-14	Negro
886	Bottom Creek Coal & Coke Co	No. 1	Walter Harris	11-17-14	Negro
887	Bottom Creek Coal & Coke Co	No. 2	Charles Kasoolis	11-27-14	Polish
888	Bottom Creek Coal & Coke Co	No. 1	Fred Turner	12-18-14	Negro
889	Bottom Creek Coal & Coke Co	No. 1	Addeo Tindoro	2- 4-15	Italian
890	Buchanon Coal Co	Buchanon	Blamo Rowe	7-31-14	American
891	Carter Coal Co	Shaft	Pete Shabby	10-17-14	Greek
892	Carter Coal Co	Nora	Carl Hawthome	1-15-15	American
893	Carter Coal Co	No. 6	Sam Lombardo	1-31-15	Italian
894	Carter Coal Co	No. 6	Luther Garrett	2-12-15	American
895	Carter Coal Co	No. 6	Price Adams	2-20-15	American
896	Carter Coal Co	No. 2	Robert Daub	3-10-15	Negro
897	Carter Coal Co	No. 2	John Spence	3-29-15	American
898	Carter Coal Co	No. 6	Winston Kent	4-15-15	American
899	Carter Coal Co	No. 6	Geo. Thomas	4-23-15	American
900	Carter Coal Co	Olga	Willie Mosely	4-27-15	American
901	Carter Coal Co	No. 6	R. C. Conley	5- 7-15	American
902	Carter Coal Co	No. 6	Nosca Gaetano	5- 7-15	Italian
903	Carter Coal Co	No. 6	Mennes Chop	5- 7-15	Italian
904	Carter Coal Co	No. 6	Joe Squark	5-10-15	Slavish
905	Carter Coal Co	No. 6	Frank Cancama	5-18-15	Italian
906	Carter Coal Co	No. 6	H. Stone	5-21-15	American
907	Carter Coal Co	Nora	J. H. Baisden	5-22-15	American
908	Carter Coal Co	Caretta No. 5	John Bozsie	5-26-15	Hungarian
909	Carter Coal Co	No. 6	Tom Cudby	5-27-15	American
910	Carter Coal Co	No. 1	Melano Gaetano	6- 4-15	Italian
911	Carter Coal Co	No. 5	Alex Hayes	6-15-15	American
912	Carter Coal Co	No. 6	Charles Hace	6-15-15	American
913	Carter Coal Co	Olga	F. G. Parkinson	6-22-15	English
914	Carter Coal Co	No. 6	Tom McAlfee	6-27-15	American
915	Central Pocahontas Coal Co	No. 1	Tony Partee	6-25-15	Italian
916	Cirrus Coal & Coke Co	No. 2	Mike Cost	9-15-14	Italian
917	Cirrus Coal & Coke Co	No. 2	Tom Harris	10-26-14	Negro
918	Crozer Coal & Coke Co	No. 2	Pete Conshoeck	7-14-14	Slavish
919	Crozer Coal & Coke Co	No. 1	Frank Vordish	8-15-14	Slavish
920	Crozer Coal & Coke Co	No. 1	Pete SeKelka	8-24-14	Slavish
921	Crozer Coal & Coke Co	No. 1	Pete Beheim	10-30-14	Austrian
922	Crozer Coal & Coke Co	Coke Yard	Nick Leo	11-10-14	Italian
923	Crozer Coal & Coke Co	No. 2	Harry Kioke	11-16-14	Slavish
924	Crozer Coal & Coke Co	No. 1	Andrew Nozik	12- 8-14	Slavish
925	Crozer Coal & Coke Co	No. 1	J. C. Slusher	2-15-15	American
926	Crozer Coal & Coke Co	No. 2	J. L. Bailey	3- 1-15	American
927	Crozer Coal & Coke Co	No. 1	Frotz Skislop	4- 1-15	Slavish
928	Crozer Coal & Coke Co	No. 1	Tony Pereza	4-16-15	Slavish
929	Crozer Coal & Coke Co	No. 1	Phillip Nevershan	4-18-15	Horwat
930	Crozer Coal & Coke Co	No. 1	Andrew Nozuke	6-24-15	Slavish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
6 Yrs.	25	Mach. Runner.	Machine jack pipe	Deep laceration on leg	I
20 Yrs.	61	Slateman	Moving slate	Thumb injured	I
10 Yrs.	24	Mach. Runner.	Fall of roof	Severe lacerations of hand	I
5 Yrs.	36	Miner	Flying coal from shot	Compound fracture of right leg	I
15 Yrs.	35	Miner	Fall of coal	Bruises, contusion of right foot	I
6 Yrs.	24	Miner	Fall of roof	Fracture of left leg, knee injured	I
10 Yrs.	26	Miner	Fall of roof	Back mashed, hand injured	I
15 Yrs.	30	Mach. Runner.	Mining machine	Severe mash of thumb	I
7 Yrs.	22	Spragger	Mine car and roof	Small finger severed	I
15 Yrs.	45	Miner	Fall of roof	Dislocation and fracture of right ankle and shoulder injured	I
2 Yrs.	25	Machine Helper	Fall of coal	Leg severely injured	I
18 Mos.	20	Miner	Fall of coal	Fracture of left leg	I
3 Yrs.	19	Driver	Mine car	Bruise and laceration of left arm	I
5 Yrs.	37	Tippleman	Mine car	Bolt on car entered leg	O
5 Yrs.	46	Miner	Fall of roof	Compound fracture of left leg	I
10 Yrs.	24	Trackman	Fall of timber	Finger broken on right hand	I
25 Yrs.	45	Miner	Roof and post	Severe laceration of finger	I
15 Yrs.	42	Miner	Fall of roof	Back, hips and leg mashed	I
1 yr.	17	Driver	Mine car	Back and stomach injured	I
Sev. Yrs.	27	Miner	Premature blast	Lost of one eye, face and other eye injured.	I
30 Mos.	23	Driver	Fall of roof	Shoulder broken, arm lacerated	I
10 Yrs.	49	Miner	Fall of roof	Thigh fractured	I
14 Mos.	37	Miner	Mine car	Jaw crushed, shoulder broken, skull fractu'd	I
3 Yrs.	25	Miner	Fall of roof	Rupture urethra, fractured pilbis	I
6 Yrs.	22	Driver	Mine car	Collar bone broken, internal injuries	I
10 Mos.	22	Miner	Fall of roof	Fracture of fourth vertebrae and skull and other injuries	I
	17	Tippleman	Car dump	Right leg fractured	O
4 Mos.	51	Miner	Mine car	Hip and ear cut and bruised	I
1 Mo.	27	Brakeman.	Electric Locomotive	Heel of right foot cut and bruised	I
4 Mos.	26	Brakeman	Mine car	Shoulders, leg and head injured	I
18 Mos.	24		Electric Locomotive	Loss of four fingers of left hand	I
6 Yrs.	41	Miner	Fall of roof	Back bruised, hip, ankle and hands injured	I
1 Mo.	22	Miner	Fall of roof	Left arm broken above elbow	I
1 Yr.	38	Machine Man	Fall of roof	Left arm and right leg broken and other injuries	I
	19	Brakeman	Locomotive cable reel	Thumb mashed and lacerated	I
2 Yrs.	32	Miner	Fall of roof	One tarsel bone broken and fibula broken.	I
4 Mos.	33	Miner	Mine car and post	Clavicle fractured	I
5 Yrs.	35	Miner	Mine car	Side and hip injured	I
3 Yrs.	45	Slateman	Fall of roof	Right foot injured	I
1 Yr.	38	Miner	Fall of roof	Back and foot bruised	I
3 Mos.	21	Electric Loco. Runner	Fall of roof	Back bruised, pelvic bone broken and internal injuries	I
5 Wks.	28	Assistant Mine Foreman	Fall of roof	Back broken	I
3 Yrs.	37	Miner	Fall of roof	Back broken	I
3 Days	41	Miner	Fall of roof	Back bruised and spinal column fractured	I
2 Yrs.	34	Miner	Fall of roof	Head cut and bruised	I
12 Yrs.	27	Electric Loco. Runner	Electric Locomotive	Index finger broken	I
15 Yrs.	27	Miner	Fall of roof	External malleolus fractured	I
9 Yrs.	28		Hand struck by mine sledge	Small finger bruised, one finger severed	I
3 Yrs.	23	Mach. Runner.	Mining Machine bit	Top of foot cut and bruised	O
4 Yrs.	26	Miner	Lump of coal	Right leg severely cut	I
4 Yrs.	24	Miner	Explosion of gas	Hands and face burned	I
5 Yrs.	27	Miner	Fall of coal	Right leg broken	I
29 Mos.	21	Trackman	Fall of coal	Thigh bone broken	I
2 Yrs.	33	Miner	Fall of coal	Shoulder, back and hips injured	I
3 Mos.	14	Trapper	Mine car	Fracture of tibia near ankle	I
14 Yrs.	44	Mine Foreman.	Mine prop	Foot badly mashed	I
12 Yrs.	43	Coke Loader	Fell off ovens	Laceration of face, eye and scalp	O
2 Yrs.	47	Timberman	Fall of roof	Leg injured, ankle sprained	I
12 Yrs.	35	Timberman	Explosion of dynamite	Right side torn, leg, arm , face and hand injured	O
10 Yrs.	41	Carpenter	Circular saw	Second finger on right hand severed	I
4 Yrs.	29	Miner	Fall of roof	Fracture of left leg above ankle	I
3 Yrs.	28	Miner	Fall of roof	Right leg broken, head and face injured	I
6 Mos.	36	Miner	Fall of roof	Toe broken, foot injured	I
2 Yrs.	55	Miner	Fall of coal	Laceration of left foot and toes	I
12 Yrs.	32	Timberman	Foot caught between ties	Right knee injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	McDOWELL COUNTY—Con.				
931	Elkhorn Coal & Coke Co	Elkhorn	Frank Cash	7-11-14	Slavish
932	Elkhorn Coal & Coke Co	Elkhorn	John Dobash	7-22-14	Slavish
933	Elkhorn Coal & Coke Co	Elkhorn	William Adams	9- 9-14	Negro
934	Elkhorn Coal & Coke Co	Elkhorn	L. Clayborn (Claytor)	9-10-14	Negro
935	Elkhorn Coal & Coke Co	Elkhorn	Willows Byrd	9-25-14	American
936	Elkhorn Coal & Coke Co	Elkhorn	Dick Johnson	10-12-14	Negro
937	Elkhorn Coal & Coke Co	Elkhorn	Spurgon Terry	10-13-14	Negro
938	Elkhorn Coal & Coke Co	Elkhorn	Willow Byrd	10-26-14	American
939	Elkhorn Coal & Coke Co	Elkhorn	Ben Ayers	11-27-14	Negro
940	Elkhorn Coal & Coke Co	Elkhorn	Joe Price	1-14-15	Negro
941	Elkhorn Coal & Coke Co	Elkhorn	Gusti Koperick	1-19-15	Slavish
942	Elkhorn Coal & Coke Co	Elkhorn	Frank Stomp	1-21-15	Hungarian
943	Elkhorn Coal & Coke Co	Elkhorn	Mike Surrilla	4-13-15	Austrian
944	Elkridge Coal & Coke Co	Elkridge	Tom Covos	7-21-14	Greek
945	Elkridge Coal & Coke Co	Elkridge	Karekas Pappas	9-21-14	Greek
946	Elkridge Coal & Coke Co	Elkridge	Sonny Martin	9-28-14	Negro
947	Elkridge Coal & Coke Co	Elkridge	Joe Mengerine	5- 5-15	Italian
948	Empire Coal & Coke Co	Empire	Ben Austen	7- 1-14	Negro
949	Empire Coal & Coke Co	Empire	Charles Davenport	7-16-14	Negro
950	Empire Coal & Coke Co	Empire	Paulo Capio	8-25-14	Italian
951	Empire Coal & Coke Co	Empire	Charles Walker	9- 2-14	Negro
952	Empire Coal & Coke Co	Empire	Geo. Burch	9- 3-14	Negro
953	Empire Coal & Coke Co	Empire	John Wishbone	9-11-14	Polish
954	Empire Coal & Coke Co	Empire	Veroni Dominic	12-30-14	Italian
955	Empire Coal & Coke Co	Empire	John Connor	1-27-15	Negro
956	Empire Coal & Coke Co	Empire	Kaston Boba	2-26-15	Roumanian
957	Empire Coal & Coke Co	Empire	Joe Starbush	4-21-15	Italian
958	Empire Coal & Coke Co	Empire	Frank Hickman	6- 1-15	Negro
959	Empire Coal & Coke Co	Empire	Geo. Butchuck	6-25-15	Polish
960	Eureka Coal & Coke Co	Eureka	Mike Huliaiwake	11-13-14	Russian
961	Eureka Coal & Coke Co	Eureka	Harrison Wilson	5-28-15	American
962	Gilliam Coal & Coke Co	Gilliam	Henry Jefferson	12-24-14	American
963	Henrietta-Pocahontas Coal Co	Henrietta	John Thompson	9-18-14	American
964	Houston Coal & Coke Co	No. 2	Mike Stinko	3-27-15	Slavish
965	Houston Coal & Coke Co	No. 1	John Ustuck	4-15-15	Russian
966	Houston Coal & Coke Co	No. 2	John Burns	5- 7-15	Negro
967	Houston Collieries Co	Olmsted	Mike Solwoski	7- 8-14	Russian
968	Houston Collieries Co	Olmsted	Wm. Mussulkuski	7-14-14	Polish
969	Houston Collieries Co	Olmsted	A. S. Gum	7-17-14	American
970	Houston Collieries Co	Houston	Lee Goodson	8-15-14	American
971	Houston Collieries Co	Houston	Geo. Sloblin	10- 6-14	Russian
972	Houston Collieries Co	Hugar	Willie Branch	11-13-14	Negro
973	Houston Collieries Co	Hugar	Duca Ignazio	11-23-14	Italian
974	Houston Collieries Co	Carswell shaft	Roy Bishop	11-27-14	American
975	Houston Collieries Co	Carswell shaft	Geo. W. Bishop	12-17-14	American
976	Houston Collieries Co	Carswell shaft	Joe Julian	2- 3-15	Italian
977	Houston Collieries Co	Olmsted	Luke Lenore	2-13-15	Italian
978	Houston Collieries Co	Carswell shaft	Andy Vulcos	2-24-15	Slavish
979	Houston Collieries Co	Carswell shaft	Patsy Somery	4- 1-15	Italian
980	Houston Collieries Co	Carswell shaft	G. T. Cooper	4- 5-15	American
981	Houston Collieries Co	Carswell shaft	Bartech Maznlins	4-29-15	Italian
982	Houston Collieries Co	Hugar	Joe Cobitsky	5- 6-16	Russian
983	Houston Collieries Co	Carswell shaft	Andy Fizick	6-19-15	Russian
984	J. B. B. Coal Co	No. 2	Ben Collins	9-15-14	Negro
985	J. B. B. Coal Co	No. 1	Frank Rhodes	10-17-14	American
986	J. B. B. Coal Co	No. 3	Felix Archer	11-12-14	Italian
987	J. B. B. Coal Co	No. 2	Frank Oiler	11-21-14	American
988	J. B. B. Coal Co	No. 2	Geo. Osborne	5-11-15	Negro
989	J. B. B Coal Co	No. 4	Walter Johnson	5-17-15	American
990	J. B. B. Coal Co	No. 2	Albert Young	5-20-15	Negro
991	J. B. B. Coal Co	No. 2	H. C. Wilson	5-21-15	American
992	J. B. B. Coal Co	No. 4	Zie McFann	6- 8-15	American
993	Keystone Coal & Coke Co	No. 1	Amgelo Cokeman	7- 7-14	Italian
994	Keystone Coal & Coke Co	No. 2	Frank Treeoh	7-16-14	Italian
995	Keystone Coal & Coke Co	No. 2	Frank Long	8-27-14	Italian
996	Keystone Coal & Coke Co	No. 2	T. S. Campbell	11-28-14	American
997	Keystone Coal & Coke Co	No. 2	Will Johnson	12- 4-14	Negro
998	Keystone Coal & Coke Co	No. 2	Thos. J. Sheets	12-12-14	American
999	Keystone Coal & Coke Co	No. 1	Joe. Urbish	1-26-15	Hungarian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
3 Yrs.	41	Miner	Fall of roof	Left side bruised, cut on forehead	I
18 Yrs.	38	Miner	Fall of roof	Collar bone broken, shoulder bruised	I
6 Yrs.	19	Slateman	Fall of roof	Foot contused, large toe lacerated	I
8 Yrs.	23	Driver	Mine car	Contusion of left arm and elbow	I
20 Yrs.	40	Miner	Fall of coal	Right shoulder and side injured	I
14 Yrs.	25	Driver	Mine car and post	Hips mashed	I
1 Yr.	22	Driver	Mine car	Right foot and toes lacerated	I
20 Yrs.	40	Miner	Fall of roof	Ribs fractured, scalp wound and back injured	I
28 Yrs.	65	Miner	Explosion of shot	Hands, face injured, several teeth loosened	I
10 Yrs.	28	Miner	Mine car	Dislocation of a rib	I
5 Yrs.	38	Miner	Mine car	Left arm fractured	I
8 Mos.	17	Slateman	Fall of roof	Head injured	I
20 Yrs.	46	Miner	Fall of roof	Right leg broken above knee	I
Sev. Yrs.	40	Miner	Fall of roof	Leg broken	I
10 Yrs.	45	Miner	Fall of roof	Foot badly bruised and cut	I
4 Yrs.	21	Driver	Mine car	End of collar bone torn loose	I
Sev. Yrs.	28	Miner	Fall of roof	Back injured, leg broken	I
5 Yrs.	24	Driver	Thrown off mule	Left arm injured	I
Sev. Yrs.	41	Miner	Fall of roof	Left thigh broken	I
8 Days.	30	Laborer	Fall of roof	Back broken	I
2 Yrs.	21	Trackman	Fall of cross timber	Contused and bruised foot	O
5 Yrs.	33	Miner	Fall of coal	Contused foot	I
2 Yrs.	23	Miner	Fall of coal	Back badly contused	I
6 Yrs.	24	Miner	Fall of coal	Right foot injured	I
10 Yrs.	40	Miner	Fall of coal	Hips bruised	I
10 Yrs.	31	Miner	Lifting coal	Compound fracture of thumb	I
6 Yrs.	24	Coal Loader	Fall of roof	Left side injured	I
5 Yrs.	26	Driver	Kicked by mule	Leg bruised and scalp cut	I
4 Yrs.	23	Miner	Fall of roof	Right foot injured	I
1 Yr.		Miner	Fall of roof	Back bruised, scalp wound-wrist fractured.	I
24 Days.	21	Trackman	Fall of roof	Knee and left leg injured	I
1 Yr.	31	Brakeman	Mine car	Compound fracture of right leg	I
7 Yrs.	20	Miner	Fall of roof	Second toe on left foot severed	I
2 Mos.	21	Brakeman	Electric Locomotive	Leg cut, tibia fractured	I
4 Mos.	22	Miner	Fall of roof	Dislocation of spine	I
6 Yrs.	32	Miner	Fall of roof	Skull fractured	I
3 Yrs.	20	Trackman	Fall of roof	Hand and foot injured	I
3 Yrs.	26	Trackman	Mine car	Side and hip injured	I
10 Yrs.	36	Carpenter	Mine car	Shoulder dislocated	O
12 Yrs.	40	Foreman	Falling guy wire	Head injured	O
4 Yrs.	24	Brakeman	Mine car	Three fingers injured on left hand	I
1 Yr.	17	Brakeman	Electric Locomotive	Foot bruised, bones broken	I
4 Yrs.	20	Miner	Mine car	Foot and toes mashed	I
2 Yrs.	24	Slateman	Fall of roof	Arm injured and lip badly cut	I
10 Yrs.	30	Mach. Runner	Mining machine	Bones in hand broken, thumb crushed	I
Sev. Yrs.	25	Brakeman	Mine car	Bone crushed in foot	I
9 Yrs.	25	Brakeman	Mine car	Forehead cut and bruised	I
Sev. Yrs.	42	Slateman	Mine car	Great toe badly mashed	I
2 Yrs.	19	Brakeman	Mine car	Compound fracture of second finger	I
10 Yrs.	45	Slateman	Mine car	Right leg broken below knee	I
1 Wk.	33	Miner	Fall of roof	Head and face mashed	I
3 Yrs.	21	Brakeman	Mine car	Foot bruised and ankle injured	I
Sev. Yrs.	46	Miner	Fall of roof	Jaw dislocated and chin injured	I
5 Yrs.	29	Miner	Fall of roof	Compound fracture of right leg	I
18 Mos.	19	Trackman	Mine car	Loss of left eye, nose and other injuries	I
4 Yrs.	28	Miner	Mine car	Fracture of left leg	I
21 Yrs.	34	Miner	Fall of roof	Right loin and left foot badly mashed	I
6 Yrs.	24	Miner	Fall of roof	Leg fractured, shoulder dislocated, back and hips injured	I
1 Yr.	20	Driver	Mine car	Fracture of both legs and hip dislocated	I
9 Yrs.	21	Miner	Fall of roof	Back, hips, eye and head injured	I
2 Yrs.	34	Coal Loader	Fall of roof	Hips and abdomen injured	I
20 Yrs.	35	Miner	Fall of roof	Back broken	I
2 Yrs.	45	Miner	Fall of roof	Hip, dislocated, fracturs of tibia and fibula.	I
	32	Miner	Fall of roof	Fracture of right tibia and other injuries	I
2 days.	24	Laborer	Mine car	Foot badly crushed, bones injured	O
25 Yrs.	48	Fire Boss	Blown through shot	Concussion of brain, rib, wrist and other injuries	I
12 Yrs.	25	Driver	Fall of roof	Fracture of left leg	I
3 Mos.	25	Timberman	Log and stump	Compound fracture of left leg	O
5 Yrs.	47	Miner	Fall of roof	Perforation of scrotum testicle came out and other injuries	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1915.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	McDOWELL COUNTY—Con.				
1000	Keystone Coal & Coke Co	No. 1	Virgillio Marinello	1-27-15	Italian
1001	Keystone Coal & Coke Co	No. 2	Ottie Pete	2- 1-15	Italian
1002	Keystone Coal & Coke Co	No. 1	Chririlla Bricilla	2-28-15	Italian
1003	Keystone Coal & Coke Co	No. 2	A. Sehon	2-23-15	American
1004	Keystone Coal & Coke Co	No. 2	Robert Tait	5-24-15	Negro
1005	King Coal Co	King	Waverly Davis	7-13-14	Negro
1006	King Coal Co	King	Wm. Hughes	7-14-14	Negro
1007	King Coal Co	King	Sam Gorofula	7-15-14	Italian
1008	King Coal Co	King	Robert Davis	8-29-14	Negro
1009	King Coal Co	King	Arthur Sellers	9- 2-14	American
1010	King Coal Co	King	James Fitts	9- 3-14	Negro
1011	King Coal Co	King	Richard Litscomb	9-21-14	Negro
1012	King Coal Co	King	L. F. Motley	9-26-14	Negro
1013	King Coal Co	King	Robert Walker	10- 1-14	Negro
1014	King Coal Co	King	Levi Wells	10- 1-14	Negro
1015	King Coal Co	King	Pasquali Chinarella	10-13-14	Italian
1016	King Coal Co	King	Tozewell Brown	10-19-14	Negro
1017	King Coal Co	King	N. H. Logan	10-13-14	Negro
1018	King Coal Co	King	Joe Finley	11-27-14	Negro
1019	King Coal Co	King	Wm. Simmons	12-21-14	Negro
1020	King Coal Co	King	Waverly Davis	12-24-14	Negro
1021	King Coal Co	King	Joe Gullychuc	1-15-15	Slavish
1022	King Coal Co	King	Merito Benedetto	2- 4-15	Italian
1023	Kimball-Pocahontas Coal Co	Virginia	A. W. Rowe	10-13-14	American
1024	Kimball-Pocahontas Coal Co	Virginia	William Smith	1-20-15	Negro
1025	King Coal Co	King	John Sefstic	3-22-15	Slavish
1026	King Coal Co	King	John Dickerson	3-23-15	Negro
1027	King Coal Co	King	Tony Verbucc	3-31-15	Italian
1028	King Coal Co	King	John Crea	4-26-15	Italian
1029	King Coal Co	King	Robert Gilreath	5-22-15	Negro
1030	King Coal Co	King	Jack Rotile	6-30-15	Italian
1031	King Coal Co	King	Joe Verduce	6-30-15	Italian
1032	Lake Superior Coal Co	No. 2	E. C. Sisson	7-18-14	American
1033	Lake Superior Coal Co	No. 1	Thurmond French	9-18-14	American
1034	Lake Superior Coal Co	No. 1	C. A. Lackey	9-18-14	American
1035	Lake Superior Coal Co	No. 1	Sam Thomas	10-24-14	Negro
1036	Lake Superior Coal Co	No. 1	J. S. Newton	12- 1-14	American
1037	Lake Superior Coal Co	No. 1	Sam Dolimski	12-26-14	Polish
1038	Lake Superior Coal Co	No. 2	James Courey	1- 1-15	Italian
1039	Lake Superior Coal Co	No. 2	Wm. Dixon	2-24-15	English
1040	Lake Superior Coal Co	No. 2	Shirley Orrin	3- 5-19	American
1041	Lone Jack Coal Mining Co	Lone Jack	Elbert Stickler	2- 8-15	American
1042	Lynchburg Coal & Coke Co	Lynchburg	Robert Hamilton	4- 1-15	Negro
1043	Mohawk Coal & Coke Co	Mohawk	Gabo Filip	9- 7-14	Hungarian
1044	Mohawk Coal & Coke Co	Mohawk	Martin Egyed	9-18-14	Hungarian
1045	Mohawk Coal & Coke Co	Mohawk	Frank Harris	3- 8-15	Negro
1046	Mohawk Coal & Coke Co	Mohawk	J. R. Stiltner	3-27-15	American
1047	McDowell Coal & Coke Co	McDowell	Wyatt Lawless	2-11-15	American
1048	New Pocahontas Coal Co	New Pocahontas	Ben Sexton	7-22-14	American
1049	New Pocahontas Coal Co	New Pocahontas	Tom Blair	9-11-14	American
1050	New Pocahontas Coal Co	New Poczhontas	Joe Simpson	1-26-15	American
1051	New Pocahontas Coal Co	New Pocahontas	Enoch Childers	3-17-15	American
1052	New Pocahontas Coal Co	New Pocahontas	James Lester	5- 5-15	American
1053	New River & Poca. Cons. Coal Co	Havaco	William Baronsky	2-22-15	Polish
1054	New River & Poca. Cons. Coal Co	Havaco	J. C. Spriggs	2-26-15	American
1055	New River & Poca. Cons. Coal Co	Havaco	W. C. Kovolsyk	3- 5-15	Polish
1056	Oregon Coal Co	No. 3	A. L. Jobe	9-25-14	American
1057	Page Coal & Coke Co	No. 1	William Seifert	10-14-14	American
1058	Page Coal & Coke Co	No. 2	John Hunt	10-16-14	Negro
1059	Page Coal & Coke Co	No. 2	John Clark	12- 2-14	American
1060	Page Coal & Coke Co	No. 2	Robert Rash	12- 9-14	American
1061	Page Coal & Coke Co	No. 3	Sid Moore	1-27-15	American
1062	Page Coal & Coke Co	No. 3	Dowdy Mitchem	3-20-15	Negro
1063	Page Coal & Coke Co	No. 3	Joe Turner	4- 2-15	Hungarian
1064	Page Coal & Coke Co	Coke Yard	Cal. Thomas	6-16-15	Negro
1065	Peerless Coal & Coke Co	East side	Andrew Smith	7-13-14	Russian
1066	Peerless Coal & Coke Co	No. 1	Robert Wright	7-24-14	Negro
1067	Peerless Coal & Coke Co	East side	Willie Coles	7-24-14	Negro
1068	Peerless Coal & Coke Co	East side	Tom Dudley	7-25-14	Negro
1069	Peerless Coal & Coke Co	East side	Jack Kovalanko	8-13-14	Russian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
6 Yrs.	23	Miner	Fall of roof	Clavicle dislocated and numerous bruises	I
6 Mos.	25	Miner	Mine car and post	Hips injured	I
10 Yrs.	45	Miner	Fall of roof	Right leg and back injured	I
18 Yrs.	46	Miner	Explosion of gas	Hands, arms and face burned	I
5 Yrs.	24	Driver	Mine car	Dislocation of symphonis, tearing of iliac ligaments	I
3 Yrs.	17	Driver	Mine car	Heel crushed	I
18 Yrs.	33	Miner	Fall of coal	Contused wound of leg	I
15 Mos.	40	Miner	Fall of roof	Leg broken	I
15 Yrs.	41	Miner	Fall of roof	Foot injured	I
3 Yrs.	17	Trapper	Mine car	Wound of hand, abdomen injured	I
7 Yrs.	27	Miner	Fall of roof	Leg injured, broken blood vessel	I
14 Yrs.	27	Driver	Mine car and post	Fracture of left arm	I
30 Yrs.	53	Miner	Fall of roof	Foot mashed	I
10 Yrs.	32	Miner	Mine car	Foot mashed	I
10 Mos.	17	Trapper	Mine car	Fracture of wrist	I
1 Yr.	25	Miner	Fall of roof	Leg injured	I
10 Yrs.	60	Miner	Mine car	One finger severed at first joint	I
1 Yr.	35	Miner	Fall of coal	Leg broken	I
2 Yrs.	26	Driver	Mine car	Finger mashed and back injured	I
11 Mos.	25	Brakeman	Mine car	Both legs broken	I
3 Yrs.	17	Brakeman	Mine car	Wrist crushed	I
20 Yrs.	52	Miner	Fall of roof	Rib broken	I
3 Yrs.	21	Miner	Fall of roof	Bone in left leg broken	I
12 Yrs.	26	Slateman	Fall of roof	Fracture of skull and jaw bone	I
20 Yrs.	37	Miner	Mine car and post	Collar bone broken	I
7 Yrs.	38	Miner	Mine car	Four toes broken	I
2 Yrs.	26	Driver	Mine car	Arm lacerated	I
5 Yrs.	36	Miner	Fall of coal	Leg injured	I
2 Yrs.	20	Miner	Fall of roof	Leg broken	I
3 Yrs.	40	Miner	Fall of roof	Right arm fractured (Amputated)	I
2 Yrs.	16	Trackman	Fall of roof	Arm fractured	I
4 Yrs.	31	Miner	Fall of coal	Foot mashed	I
Sev. Yrs.	22	Brakeman	Electric Locomotive and roof	Right arm broken	I
Sev. Yrs.	23	Mach. Runner	Explosion of gas	Face burned	I
Sev. Yrs.	25	Machine Helper	Explosion of gas	Face burned	I
28 Yrs.	53	Coal Loader	Fall of roof	End of right thumb severed	I
10 Yrs.	38	Miner	Fall of roof	Hips mashed and bladder ruptured	I
20 Yrs.	45	Coal Loader	Fall of posts	Right collar bone broken	I
5 Yrs.	43	Trackman	Electric Locomotive	Left leg mashed and right leg broken	I
10 Yrs.	27	Electric Loco. Runner	Fell off cage	Spinal cord injured	I
Sev. Yrs.	22	Brakeman	Water car	Hips and shoulders injured	I
30 Mos.	17	Driver	Mine car	Leg injured above ankle	I
7 Yrs.	26	Miner	Fall of coal	Left leg broken above ankle	I
1 Mo.	47	Miner	Fall of roof	Leg, forehead and foot injured	I
Sev. Yrs.	46	Miner	Fall of roof	Nose and hand broken and head injured	I
Sev. Yrs.	36	Driver	Mine car	Three fingers badly lacerated	I
13 Days	56	Laborer	Mine car	Small finger broken	O
1 Yr.	17	Brakeman	Electric Locomotive	Foot lacerated	I
5 Yrs.	38	Miner	Fall of roof	Lacerated wound of leg	I
5 Yrs.	50	Laborer	English and steel rails	Laceration of both ankles	O
6 Mos.	16	Driver	Mine car	Right leg injured	O
1 Wk.	....	Machine Helper	Fall of roof	Spine injured	I
1 Yr.	23	Brakeman	Mine car	Contused wound of foot	I
Sev. Yrs.	35	Miner	Mine car	Fracture of right leg near ankle joint	I
Sev. Yrs.	44	Miner	Fall of roof	Fracture of thigh, dislocation of collar bone and other injuries	I
Sev. Yrs.	21	Miner	Fall of coal	Left foot mashed	I
8 Yrs.	27	Miner	Fall of roof	Back partially dislocated	I
12 Yrs.	30	Mine Foreman	Dump fell on toe	Toe severely mashed	O
20 Yrs.	55	Miner	Fall of roof	Neck, face and head lacerated	I
15 Yrs.	35	Miner	Mine car	Finger on left hand crushed	I
6 Yrs.	33	Miner	Mine car	Leg mashed	I
6 Yrs.	22	Brakeman	Mine car	Collar bone and shoulder dislocated	I
Sev. Yrs.	25	Driver	Mine car	Left leg broken near ankle	I
8 Mos.	25	Miner	Mine car	Loss of left leg between knee and thigh	I
Sev. Yrs.	26	Laborer	Coke fork	Toe Punctured	O
3 Yrs.	30	Miner	Explosion of cartridge	Hands and face burned	I
3 Yrs.	25	Driver	Mine car	Right leg mashed	I
2 Yrs.	19	Brakeman	Mine car	Loss of great toe on right foot	I
2 Yrs.	18	Driver	Fall of roof	Head injured, back and legs mashed	I
3 Wks.	35	Miner	Fall of coal	Body and hips mashed	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Nxme of Person Injured	Date of Acident	Nationality
	McDOWELL COUNTY—Con.				
1070	Peerless Coal & Coke Co.	East side	Dave Jackson	9-10-14	American
1071	Peerless Coal & Coke Co.	East side	Nick Sindo	10- 6-14	Russian
1072	Peerless Coal & Coke Co.	East side	Steve Kora	12-24-14	Russian
1073	Peerless Coal & Coke Co.	No. 1	Troy Bowers	3-19-15	American
1074	Peerless Coal & Coke Co.	No. 2	Frank Carter	3-23-15	Negro
1075	Peerless Coal & Coke Co.	No. 1	Wesley Antoniwich	3-24-15	Russian
1076	Pocahontas Cons. Collys. Co. Inc.	No. 8	Frank M. Boley	7-17-14	American
1077	Pocahontas Cons. Collys. Co. Inc.	No. 6-4	William Bonskey	7-15-14	Hungarian
1078	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Mose Prunty	7-24-14	Negro
1079	Pocahontas Cons. Collys. Co. Inc.	No. 6-8	D. F. Collins	9- 7-14	American
1080	Pocahontas Cons. Collys. Co. Inc.	Angle	Giovanni Viaggio	9- 7-14	Italian
1081	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Lawrence Medash	9-12-14	Italian
1082	Pocahontas Cons. Collys. Co. Inc.	Lick Branch	W. D. Lucas	9-14-14	American
1083	Pocahontas Cons. Collys. Co. Inc.	Angle	Stewart Tador	9-18-14	American
1084	Pocahontas Cons. Collys. Co. Inc.	No. 7-1, off 8	Ignas Berti	9-19-14	Hungarian
1085	Pocahontas Cons. Collys. Co. Inc.	Rolfe	D. B. Ernest	9-21-14	American
1086	Pocahontas Cons. Collys. Co. Innc.	No. 6-8	Will Johnson	9-24-14	Negro
1087	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Joe Pocrio	9-24-14	Italian
1088	Pocahontas Cons. Collys. Co. Inc.	No. 8-D	Joe Sziladi	9-28-14	Roumanian
1089	Pocahontas Cons. Collys. Co. Inc.	Shamokin	John Durkevah	9-29-14	Hungarian
1090	Pocahontas Cons. Collys. Co. Inc.	No. 7-1	Robert Marshall	10- 1-14	Negro
1091	Pocahontas Cons. Collys. Co. Inc.	Norfolk	James Hendrix	10-16-14	American
1092	Pocahontas Cons. Collys. Co. Inc.	No. 8-1	Apple Dominick	10-20-14	Italian
1093	Pocahontas Cons. Collys. Co. Inc.	Angle	J. N. Walker	10-22-14	American
1094	Pocahontas Cons. Collys. Co. Inc.	No. 6-1	Clayotn Collins	10-27-14	American
1095	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Joe Omash	10-27-14	Hungarian
1096	Pocahontas Cons. Collys. Co. Inc.	Angle	Steve Coligura	10-27-14	Italian
1097	Pocahontas Cons. Collys. Co. Inc.	No. 6-1	Sam Davis	10-27-14	American
1098	Pocahontas Cons. Collys. Co. Inc.	Rolfe	James Codesport	10-28-14	Itaian
1099	Pocahontas Cons. Collys. Co. Inc.	Rolfe	William Cooper	10-28-14	Negro
1100	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Frank Sama	10-28-14	Italian
1101	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Mack Cooper	10-28-14	Negro
1102	Pocahontas Cons. Collys. Co. Inc.	No. 6 shop	Claud Hundley	10-29-14	American
1103	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Joe Kiko	11- 5-14	Hungarian
1104	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Jim Oleary	11- 6-14	Italian
1105	Pocahontas Cons. Collys. Co. Inc.	No. 6-8	Gus Mondapolis	11- 9-14	Greek
1106	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Frank Denavoli	11-13-14	Italian
1107	Pocahontas Cons. Collys. Co. Inc.	Angle	Pete Codispatti	11-22-14	Italian
1108	Pocahontas Cons. Collys. Co. Inc.	Angle	John Griggs	12- 2-14	American
1109	Pocahontas Cons. Collys. Co. Inc.	No. 7-1	Tom Brooks	12-28-14	American
1110	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Pryor Earnest	1- 4-15	American
1111	Pocahontas Cons. Collys. Co. Inc.	Angle	Henry Scott	1-28-15	Negro
1112	Pocahontas Cons. Collys. Co. Inc.	Delta	John Koloski	2-17-15	Russian
1113	Pocahontas Cons. Collys. Co. Inc.	Delta	Pete Zimnisky	2-18-15	Russian
1114	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Walter Gravely	2-20-15	American
1115	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Blain Tompson	3- 1-15	Negro
1116	Pocahontas Cons. Collys. Co. Inc.	Shamokin	George Gooch	3- 3-15	Russian
1117	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Donati Pasco	3- 6-15	Italian
1118	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Reed Johnson	3- 9-15	Negro
1119	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Granville Brown	3-16-15	Negro
1120	Pocahontas Cons. Collys. Co. Inc.	No. 7-1, off 8	Bob Dalfon	3-22-15	American
1121	Pocahontas Cons. Collys. Co. Inc.	Lick Branch	George Brown	4- 1-15	Negro
1122	Pocahontas Cons. Collys. Co. Inc.	Rolfe	D. C. Jewell	4- 8-15	American
1123	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Robert Thomas	4-15-15	American
1124	Pocahontas Cons. Collys. Co. Inc.	Angle	William Hall	4-16-15	Negro
1125	Pocahontas Cons. Collys. Co. Inc.	Angle	Mike Bossick	4-16-15	Hungarian
1126	Pocahontas Cons. Collys. Co. Inc.	Delta	Frank Liss	4-16-15	Russian
1127	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Joe Sava	4-16-15	Slavish
1128	Pocahontas Cons. Collys. Co. Inc.	Lick Branch	Steve Storpirer	4- 9-15	Russian
1129	Pocahontas Cons. Collys. Co. Inc.	No. 6-1	Dot Blankinshipp	4-19-15	American
1130	Pocahontas Cons. Collys. Co. Inc.	Angle	Frank Stocky	4-29-15	Italian
1131	Pocahontas Cons. Collys. Co. Inc.	Rolfe	Sam Stewart	5- 4-15	Negro
1132	Pocahontas Cons. Collys. Co. Inc.	Norfolk	Tony Desmon	5- 4-15	Italian
1133	Pocahontas Cons. Collys. Co. Inc.	Shamokin	Joe Yellonsky	5- 5-15	Russian
1134	Pocahontas Cons. Collys. Co. Inc.	Lick Branch	Ora Brown	5-13-15	Negro
1135	Pocahontas Cons. Collys. Co. Inc.	No. 6-1	Wm. Error	5-21-15	Hungarian
1136	Pocahontas Cons. Collys. Co. Inc.	No. 6-1	Sidney Callihan	5-21-15	American
1137	Pocahontas Cons. Collys. Co. Inc.	Machine shop	Arthur Herndon	6- 2-15	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
17 Yrs.	45	Miner	Fall of coal	Two ribs broken	I
2 Yrs.	40	Miner	Fall of roof	Right leg broken	I
7 Mos.	22	Miner	Fall of coal	Collar bone broken	I
15 Yrs.	54	Slateman	Fall of roof	Head and chest injured	I
5 Yrs.	25	Driver	Mine car	Contusion over sacrum and right hip	I
	45	Miner	Fall of coal	Fracture of collar bone, back contused	I
15 Yrs.	28	Electric Loco. Runner	Trolley pole	Four fingers severed	O
10 Yrs.	35	Miner	Fall of roof	Arm broken	I
13 Yrs.	34	Miner	Fall of roof	Left arm badly bruised	I
1 Yr.	17	Brakeman	Mine car	Leg broken	I
4 Yrs.	35	Miner	Fall of roof	Broken toe on left foot	I
4 Wks.	24	Miner	Fall of roof	Left toe mashed	I
18 Mos.	29	Carpenter	Escaping from falling gin pole	One rib fractured	O
3 Yrs.	19	Miner	Fall of roof	Arm broken, head injured	I
14 Yrs.	28	Miner	Fall of coal	Leg broken	I
10 Yrs.	49	Miner	Fall of coal	Chest and hips injured	I
6 Yrs.	28	Miner	Explosion of detonators	Burned from hip to knee	I
10 Yrs.	30	Miner	Fall of roof	Compound dislocation of right ankle	I
6 Mos.	43	Miner	Fall of roof	Leg and shoulder injured	I
5 Yrs.	41	Miner	Fall of roof	Back injured	I
12 Yrs.	22	Brakeman	Mine car	Leg broken	I
12 Yrs.	29	Assistant Mine Foreman	Electric Locomotive	Two toes badly mashed	I
5 Yrs.	32	Miner	Mine car	Leg and ankle mashed	I
20 Yrs.	51	Miner	Fall of roof	Right shoulder, left leg and ankle injured	I
20 Yrs.	38	Foreman	Fall of coal	Head lacerated and back injured	I
5 Yrs.	39	Miner	Fall of roof	Rib fractured, leg, mouth and ankle injured	I
6 Mos.	30	Miner	Fall of roof	Fracture of arm and hand mashed	I
2 Yrs.	36	Laborer	Fall of roof	Right hip mashed	I
3 Wks.	26	Laborer	Fall of roof	Head and face injured	I
5 Days.	24	Laborer	Fall of roof	Head, neck and back injured	I
3 Mos.	38	Laborer	Fall of roof	Leg, knee and head injured	I
10 Yrs.	27	Laborer	Fall of roof	Rib broken, side and arm injured	I
3 Yrs.	43	Carpenter	Circular saw	End of two fingers severed	O
15 Yrs.	47	Miner	Mine car and post	Four ribs broken, side, toes and foot injured	I
9 Yrs.	27	Brakeman	Mine car	Right leg fractured	I
5 Mos.	18	Coal Loader	Mine car	Leg badly bruised and other injuries	I
1 Yr.	39	Miner	Fall of roof	Back, leg, hand and forehead injured	I
10 Yrs.	27	Electric Loco. Runner	Electric Locomotive	Right hand injured	I
10 Yrs.	27	Mach. Runner	Mining machine bits	Left thigh injured	I
5 Yrs.	31	Machine Helper	Machine and roof	Right leg badly injured	I
4 Yrs.	19	Electric Loco. Runner	Electric short circuit	Fingers burned	I
4 Yrs.	20	Brakeman	Mine car	Collar bone dilsocated	I
2 Yrs.	22	Miner	Fall of coal	Back and knee injured	I
4 Yrs.	22	Brakeman	Mine car	Back and thigh injured	I
20 Yrs.	41	Trackman	Mine car	Compound fracture of left leg	O
6 Yrs.	26	Brakeman	Mine car	Right leg injured	I
6 Yrs.	28	Miner	Fall of roof	Hand and face injured	I
9 Yrs.	38	Miner	Fall of roof	Hip and ankle injured	I
18 Mos.	18	Brakeman	Mine car	Left leg broken	I
3 Days.	24	Brakeman	Mine car	Loss of first finger	I
2 Yrs.	17	Electric Loco. Runner	Electric Locomotive	End of fore finger amputated	I
4 Yrs.	27	Miner	Fall of roof	Head, neck and shoulder injured	I
12 Yrs.	35	Miner	Fall of roof	Ribs injured, sternum broken	I
1 Yr.	17	Brakeman	Mine car	Finger of left hand severed near first joint.	I
4 Yrs.	27	Brakeman	Fall of roof	Pelvis fractured and internal injuries	I
4 Yrs.	22	Miner	Fall of roof	Fractured thigh	I
2 Yrs.	19	Machine Helper	Fall of coal	Ankle and foot injured	I
1 Yr.	17	Brakeman	Mine car	Arm badly cut and lacerated	I
8 Yrs.	36	Miner	Fall of roof and coal	Collar bone broken, leg and ankle injured	I
12 Yrs.	28	Coal Loader	Mine car	Leg broken	I
10 Mos.	16	Trapper	Mine car	Right thigh, foot and scalp injured	I
4 Mos.	38	Miner	Fall of coall	Right ankle injured	I
10 Yrs.	38	Miner	Mine car	Fracture of left leg	I
15 Yrs.	36	Miner	Fall of roof and coal	Left foot badly injured	I
4 Yrs.	27	Miner	Fall of roof	Hand and wrist crushed	I
3 Yrs.	22	Machine Helper	Mining machine	Leg broken in several places	I
3 Yrs.	20	Mach. Runner	Mining machine	Both legs lacerated from hip to knee	I
5 Yrs.	19	Machinist	Chain block broke	Compound fracture of left arm	O

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	McDOWELL COUNTY—Con.				
1138	Pocahontas Cons. Collys. Co. Inc.	Angle	Tony Palimete	6- 3-15	Italian
1139	Pocahontas Cons. Collys. Co. Inc.	No. 6-8	J. H. Faucett	6- 7-15	Negro
1140	Pocahontas Cons. Collys. Co. Inc.	No. 7-1, off 8	Geo. Laundey	6- 8-15	Greek
1141	Pocahontas Cons. Collys. Co. Inc.	Angle	Ed. Banks	6-11-15	Negro
1142	Pocahontas Cons. Collys. Co. Inc.	Delta	John Novac	6-18-15	Austrian
1143	Pocahontas Cons. Collys. Co. Inc.	West	Louis Glyster	6-18-15	Polish
1144	Pocahontas Cons. Collys. Co. Inc.	No. 8-1	Charles Tuluk	6-22-15	Roumanian
1145	Pocahontas Cons. Collys. Co. Inc.	Norfolk	John Reed	6-28-15	Negro
1146	Pocahontas Domestic Coal Co.	Scorpion	Frank Boteni	7- 6-14	Italian
1147	Pocahontas Domestic Coal Co.	Slick Rock	John Turk	3- 4-15	Hungarian
1148	Powhatan Coa & Coke Co.	East	John Sumsford	8-16-14	American
1149	Powhatan Coal & Coke Co.	East	Tony Dicollis	8-21-14	Greek
1150	Powhatan Coal & Coke Co.	West	Jos. Hartley	10-10-14	Hungarian
1151	Powhatan Coal & Coke Co.	East	Kin Harrison	12-28-14	American
1152	Powhatan Coal & Coke Co	West	H. E. Miles	5-26-15	American
1153	Powhatan Coal & Coke Co	West	Joe Novetnick	6- 7-15	Hungarian
1154	Powhatan Coal & Coke Co.	West	Jules Ersick	6-18-15	Hungarian
1155	Pulaski Iron Co	No. 2	Geo. Monert	8- 1-14	Hungarian
1156	Pulaski Iron Co	No. 2	Charles Cooper	9- 2-14	American
1157	Pulaski Iron Co	No. 2	J. W. Dodson	9- 3-14	American
1158	Pulaski Iron Co	No. 2	Henry Millis	10-13-14	American
1159	Pulaski Iron Co	No. 2	Joe Crenshaw	11- 3-14	American
1160	Solvay Collieries Co	Marytown	Carl Buchanon	10-18-14	American
1161	Solvay Collieries Co.	Marytown	Dave Clark	10-26-14	American
1162	Solvay Collieries Co	Marytown	Mike Andreano	4-14-15	Italian
1163	Standard-Pocahontas Coal Co.	Standard	Paul Combus	5-17-15	Italian
1164	Superior-Pocahontas Coal Co.	Helena	Wm. Donnelly	11-30-14	English
1165	Superior-Pocahontas Coal Co.	Helena	T. F. Johnson	12-14-14	American
1166	Superior-Pocahontas Coal Co.	No. 4	Guy Lawrence	1-19-15	American
1167	Superior-Pocahontas Coal Co.	No. 3	G. W. Rumyone	1-20-15	American
1168	Superior-Pocahontas Coal Co.	No. 2	Glorio Castellani	2-19-15	Italian
1169	Superior-Pocahontas Coal Co.	No. 3	Dan Hicks	2-20-15	American
1170	Superior-Pocahontas Coal Co.	No. 1	John Rice	2-25-15	American
1171	Superior-Pocahontas Coal Co.	No. 1	James Cole	3-13-15	Negro
1172	Superior-Pocahontas Coal Co.	No. 3	Henry Wiseman	3-15-15	American
1173	Superior-Pocahontas Coal Co.	Cletus	Arlen Baldridge	4-23-15	American
1174	Superior-Pocahontas Coal Co.	Cletus	E. S. Rose	4-27-15	American
1175	Superior-Pocahontas Coal Co.	No. 1	Ed. Miller	6- 7-15	Negro
1176	Superior-Pocahontas Coal Co.	No. 4	J. W. Ramey	6-11-15	American
1177	Superior-Pocahontas Coal Co.	No. 4	Afonzo Mitchell	6-25-15	American
1178	Tidewater Coal & Coke Co.	Tidewater	John Crear	7-21-14	Italian
1179	Tidewater Coal & Coke Co.	Tidewater	Ed. Barrier	7-29-14	Negro
1180	Tidewater Coal & Coke Co.	Tidewater	Pete Hostin	7-31-14	Negro
1181	Tidewater Coal & Coke Co.	Tidewater	Arthur Turner	8- 3-14	Negro
1182	Tidewater Coal & Coke Co.	Tidewater	John Ottaway	8- 3-14	Hungarian
1183	Tidewater Coal & Coke Co.	Tidewater	Charles Toran	8- 8-14	Negro
1184	Tidewater Coal & Coke Co.	Tidewater	Emmett Carter	8-13-14	Negro
1185	Tidewater Coal & Coke Co.	Tidewater	Joe Seay	9-18-14	Negro
1186	Tidewater Coal & Coke Co.	Tidewater	Donimic Crea	12- 9-14	Italian
1187	Tidewater Coal & Coke Co.	Tidewater	Carmello Rotilio	12-23-14	Italian
1188	Tidewater Coal & Coke Co.	Tidewater	Geo. Wallington	2-17-15	Negro
1189	Tidewater Coal & Coke Co.	Tidewater	John Claytor	3- 3-15	Negro
1190	Tidewater Coal & Coke Co.	Tidewater	Dan Deshco	5-29-15	Russian
1191	United States Coal & Coke Co	No. 4	John Lakatos	9-10-14	Hungarian
1192	United States Coal & Coke Co	No. 9	Martin Grovelnick	4-12-15	German
1193	United States Coal & Coke Co	No. 5	Alex Salvoy	5- 4-15	Russian
1194	Upland Coal & Coke Co.	Upland	Sam Flood	4- 5-14	Negro
1195	Upland Coal & Coke Co	Upland	William Miller	12- 2-14	Negro
1196	Upland Coal & Coke Co.	Upland	Charles Carmell	6-21-15	Italian
1197	Warrior Coal Co	Warrior	Ruby Vandike	3-13-15	American
1198	Warrior Coal Co	Warrior	W. M Vandike	9- 9-15	American
1199	Welch Coal Co	Welch	Robert Martin	5-17-15	Negro
1200	Welch Coal Co	Welch	Geo T. Castle	7- 7-15	American
1201	West Virginia-Pocahontas Coal Co.	No. 1	Tom Channis	7-27-14	Greek
1202	West Virginia-Pocahontas Coal Co.	No. 1	Will Noland	10- 2-14	American
1203	West Virginia-Pocahontas Coal Co.	No. 2	John Biona	10-14-14	Italian
1204	West Virginia-Pocahontas Coal Co.	No. 1	Pearl Witcher	1- 7-15	Negro
1205	West Virginia-Pocahontas Coal Co.	No. 1	James Parks	1- 7-15	Negro
1206	West Virginia-Pocahontas Coal Co.	No. 1	Nero Persimmon	3- 4-15	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
7 Yrs.	22	Electric Loco. Runner	Mining machine	Fracture of left thigh	I
15 Yrs.	34	Coal Loader	Fall of roof	Back and hips injured	I
3 Yrs.	44	Coal Loader	Fall of roof	Head injured	I
3 Yrs.	20	Brakeman	Mine car	Left ankle injured at joint	I
10 Yrs.	50	Miner	Fall of roof	Three ribs broken and spine injured	I
6 Yrs.	27	Miner	Coal and pick	Thigh pierced by pick	I
6 Yrs.	42	Coal Loader	Fall of roof	Leg broken	I
4 Yrs.	22	Miner	Fall of coal	Back and internal injuries	I
2 Wks.	30	Miner	Mine car	Body bruised and skin scratched	I
60 Days.	31	Miner	Fall of roof	Thigh lacerated	I
8 Yrs.	50	Miner	Fall of roof	Rib fractured	I
26 Mos.	21	Slateman	Fall of roof	Right leg broken	I
5 Yrs.	40	Miner	Premature blast	Arm lacerated and eye injured	I
3 Mos.	22	Spragger	Blown through shot	Slight concussion of brain and other injuries	I
19 Yrs.	38	Miner	Fall of roof	Rib broken, ankle fractured, head and shoulder injured	I
8 Yrs.	24	Miner	Fall of coal	Back and side injured	I
9 Yrs.	41	Miner	Fall of coal	Left ankle injured	I
4 Mos.	27	Miner	Fall of coal	Compound fracture of leg below knee	I
5 Hrs.	22	Brakeman	Electric Locomotive and door	Right ankle crushed	I
1 Yr.	15	Tippleman	Mine car	Scrotum lacerated, thigh and shoulders contused	O
2 Mos.	26	Driver	Mine car	Fracture of left tibia and other injuries	I
18 Mos.	27	Driver	Mine car	Leg crushed above ankle	I
2 Yrs.	20	Brakeman	Collision of electric Locomotives	Compound fracture of left ankle	I
10 Yrs.	40	Laborer	Oiling conveyor	Right arm mangled, causing amputation	O
13 Yrs.	46	Miner	Fall of roof	Knee dislocated, tibia fractured and other injuries	I
1 Yr.	26	Coal Loader	Fall of roof	Leg broken in two places	I
2 Mos.	40	Miner	Fall of coal	Lacerated and contused right foot	I
2 Yrs.	24	Miner	Fall of coal	Contused wound of ankle	I
6 Yrs.	20	Brakeman	Mine car	Fractured thumb on left hand	O
	53	Weighman	Mine car	End of finger severed	O
6 Mos.	42	Miner	Fall of roof	Back broken	I
2 Yrs.	17	Miner	Fall of roof	Pelvis bone broken	I
4 Yrs.	18	Miner	Fall of roof	Back and ankle contused	I
8 Yrs.	25	Driver	Mine car	Contused wound of two fingers	I
20 Yrs.	44	Miner	Fall of roof	Chest and back injured	I
3 Yrs.	19	Brakeman	Mine car	Right leg fractured	I
10 Yrs.	40	Driver	Mine car	Wound of hip and ankle injured	I
5 Yrs.	23	Miner	Mine car	Hip and back injured	I
10 Yrs.	30	Miner	Mine car	Chest and shoulder squeezed	I
10 Yrs.	30	Driver	Mine car	Contused wound of foot	I
1 Yr.	21	Slateman	Fall of roof	Arm bruised and burned, body injured	I
Sev. Yrs.	18	Brakeman	Mine car	Right arm and left leg badly bruised	I
Sev. Yrs.	17	Brakeman	Electric Locomotive	Toe broken	I
7 Yrs.	23	Miner	Fall of roof	Hips and chest injured	I
3 Mos.	28	Miner	Fall of roof	Collar bone broken and hips bruised	I
Sev. Yrs.	35	Driver	Fall of roof	Leg broken	I
2 Yrs.	16	Brakeman	Mine car	Left leg broken	I
8 Yrs.	28	Driver	Fall of roof	Left arm broken	I
2 Yrs.	22	Slateman	Fall of roof	Left leg and arm broken	I
9 Mos.	32	Miner	Fall of roof	Back injured	I
4 Yrs.	18	Brakeman	Mine car	Head and shoulder injured, arm broken	I
10 Yrs.	40	Miner	Fall of roof	Hips injured	I
Sev. Yrs.	25	Miner	Fall of roof	Leg broken, back badly injured	I
3 Mos.	34	Miner	Fall of roof	Compound fracture of left leg	I
6 Yrs.	40	Mach. Runner	Fall of coal	Simple fractures of left thigh	I
3 Yrs.	44	Miner	Mine car door	Skull injured	I
12 Yrs.	35	Laborer	Smoke stack collar	Left leg broken	O
5 Yrs.	35	Mach. Runner	Fall of roof	Part of one finger severed, ankle sprained	I
5 Yrs.	40	Miner	Fall of roof	Compound fracture of left leg	I
1 Mo.	17	Driver	Mine car	Toe seriously mashed	O
3 Mos.	43	Foreman	Fall of stone	Left leg broken	O
5 Yrs.	23	Miner	Fall of roof	Finger broken, arms and head injured	I
3 Yrs.	44	Mine Foreman	Fall of roof	Head and shoulders injured	I
2 Yrs.	22	Miner	Fall of roof	Internal injuries, left leg injured	I
4 Mos.	29	Miner	Fall of roof	Foot mashed	I
2 Yrs.	28	Miner	Fal of coal	Right leg fractured back injured	I
3 Yrs.	23	Miner	Exploder punch	Hand punctured	I
5 Yrs.	29	Miner	Fall of roof	Ankle dislocated	I
2 Yrs.	21	Miner	Fall of coal	Skull fractured, spine dislocated	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	McDOWELL COUNTY—Con.				
1207	West Virginia-Pocahontas Coal Co.	No. 2	James S. Freeman	3-22-15	Negro
1208	West Virginia-Pocahontas Coal Co.	No. 2	Phillip Patterson	5-10-15	Negro
1209	West Virginia-Pocahontas Coal Co.	No. 2	John Comical	6-18-15	Greek
1210	Yukon Pocahontas Coal Co	Yukon	W. E. Haines	4-28-15	American
	MERCER COUNTY				
1211	Algonquin Coal Co	Algonquin	W. T. Thornton	2- 9-15	American
1212	Algonquin Coal Co	Algonquin	M. W. Davis	5- 6-15	American
1213	Algonquin Coal Co	Algonquin	James E. Beard	6-14-15	American
1214	Algonquin Coal Co	Algonquin	Steve Kolosky	6-17-15	Russian
1215	Booth-Bowen Coal & Coke Co	Booth-Bowen	John Fullen	8-11-14	Negro
1216	Booth-Bowen Coal & Coke Co	Booth-Bowen	J. E. Beard	9-14-14	American
1217	Booth-Bowen Coal & Coke Co	Booth-Bowen	Oakey Hade	10-10-14	American
1218	Booth-Bowen Coal & Coke Co	Booth-Bowen	Anton Hoiko	10-10-14	Slavish
1219	Booth-Bowen Coal & Coke Co	Booth-Bowen	William Davis	1- 4-15	Negro
1220	Booth-Bowen Coal & Coke Co	Booth-Bowen	James Kinko	4-19-15	Slavish
1221	Booth-Bowen Coal & Coke Co	Booth-Bowen	Tom Redsox	4-30-15	Slavish
1222	Booth-Bowen Coal & Coke Co	Booth-Bowen	Dowdy Mitchell	6-22-15	Negro
1223	Booth-Bowen Coal & Coke Co	Booth-Bowen	John Sevish	6-24-15	Hungarian
1224	Booth-Bowen Coal & Coke Co	Booth-Bowen	Mike Sinko	6-25-15	Slavish
1225	Buckeye Coal & Coke Co	South	Byron Stillwell	7- 7-14	American
1226	Buckeye Coal & Coke Co	Buckeye	E. E. Maxey	8-19-14	American
1227	Buckeye Coal & Coke Co	Coke Yard	I. P. Howard	8-22-14	Negro
1228	Buckeye Coal & Coke Co	Buckeye	C. H. Dormas	9- 1-14	American
1229	Buckeye Coal & Coke Co	Buckeye	Wm. Jefferson	9- 9-14	Negro
1230	Buckeye Coal & Coke Co	Buckeye	Everett Coy	10-31-14	American
1231	Buckeye Coal & Coke Co	Buckeye	J. B. Newman	11-16-14	American
1232	Buckeye Coal & Coke Co	Buckeye	Tres. Robinson	12- 9-14	American
1233	Buckeye Coal & Coke Co	Buckeye	J. A. Peak	2-18-15	American
1234	Buckeye Coal & Coke Co	Buckeye	Banks Williams	4-17-15	Negro
1235	Crystal Coal & Coke Co	No. 2	Andy Hartwell	7-13-14	American
1236	Crystal Coal & Coke Co	No. 1	Gus Wilson	7-25-14	Negro
1237	Crystal Coal & Coke Co	No. 1	Charles Sanzine	8-22-14	American
1238	Crystal Coal & Coke Co	No. 1	Roby Helmondollar	9- 3-14	American
1239	Crystal Coal & Coke Co	No. 1	Manuel Damper	5-26-15	Hungarian
1240	Crystal Coal & Coke Co	No. 2	Ruben Ferguson	5-28-15	Negro
1241	Ennis Coal Co	Hiawatha	Jess Pennington	8- 9-14	American
1242	Ennis Coal Co	Hiawatha	Tom Maxwell	8-20-14	American
1243	Ennis Coal Co	Hiawatha	Ed. Mattox	8-22-14	American
1244	Ennis Coal Co	Hiawatha	Emerson Mills	8-25-14	American
1245	Ennis Coal Co	Hiawatha	M. Whittington	9-17-14	Negro
1246	Ennis Coal Co	Hiawatha	Walter Vaughan	12-26-14	American
1247	Ennis Coal Co	Hiawatha	R. M. Ratcliff	12-30-14	American
1248	Ennis Coal Co	Hiawatha	Sam Faneria	5- 5-15	Italian
1249	Ennis Coal Co	Hiawatha	Cliff Delp	5-27-15	American
1250	Ennis Coal Co	Hiawatha	Will T. Ring	6-15-15	American
1251	Louisville Coal & Coke Co	Louisville	James Katis	7- 3-14	Negro
1252	Louisville Coal & Coke Co	No. 2	William Reed	8-19-14	Negro
1253	Louisville Coal & Coke Co	Louisville	Wade McBride	2-16-15	American
1254	Louisville Coal & Coke Co	Goodwill No. 1	J. E. Thompson	5-10-15	Negro
1255	Louisville Coal & Coke Co	Louisville	Giles Holland	6-24-15	American
1256	Mill Creek Coal & Coke Co	Tug River	Sam Bane	2- 3-15	Negro
1257	Mill Creek Coal & Coke Co	Coaldale	Shando Pesci	4- 9-15	Hungarian
1258	Mill Creek Coal & Coke Co	Tug River	Robey Pennell	4-24-15	American
1259	Mill Creek Coal & Coke Co	Tug River	Will Carter	6-15-15	Negro
1260	Modoc Coal Mining Co	Modoc	W. D. Meadows	11-28-14	American
1261	Modoc Coal Mining Co	Modoc	Jim Muse	1-27-15	Negro
1262	Modoc Coal Mining Co	Modoc	J. P. Phillips	3- 8-15	American
1263	Modoc Coal Mining Co	Modoc	J. K. Hamm	5-29-15	American
1264	Modoc Coal Mining Co	Modoc	Nick Scibo	6-12-15	Russian
1265	Pawama Coal & Coke Co	No. 2	J. W. Cheatwood	7- 2-14	American
1266	Pawama Coal & Coke Co	No. 1	C. J. Burns	7-10-14	American
1267	Pawama Coal & Coke Co	No. 1	Henry Ratcliff	9- 9-14	American
1268	Pocahontas Cons. Collys. Co., Inc.	Sagamore No. 1	Geo. Wickel	8- 5-14	Slavish
1269	Pocahontas Cons. Collys. Co., Inc.	Caswell Creek	J. H. Biers	8-26-14	American
1270	Pocahontas Cons. Collys Co., Inc.	Caswell Creek	Michael Contarino	9- 8-14	Italian
1271	Pocahontas Cons. Collys. Co., Inc.	Sagamore No. 2	Dave Farmer	9-21-14	American
1272	Pocahontas Cons. Collys. Co., Inc.	No. 2	Pete Mondi	12-28-14	Italian
1273	Pocahontas Cons. Collys. Co., Inc.	Sagamore No. 2	Lenius Harris	1-22-15	Negro

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
20 Yrs...	55	Miner.........	Fall of roof....................	Back injured.........................	I
6 Yrs...	26	Brakeman.....	Mine car..........................	One finger severed.....................	I
1 Yr....	22	Miner.........	Fall of roof....................	Knee mashed..........................	I
6 Days.	24	Dumper.......	Fell off tipple..................	Head and body injured.................	O
4 Mos..	25	Miner.........	Fall of roof....................	Two ribs broken, left side and foot injured	I
41 Yrs...	56	Trackman.....	Fell off bridge..................	Side and back injured.................	O
20 Yrs...	63	Miner.........	Fall of roof....................	Bone in leg broken....................	I
10 Yrs...	35	Miner.........	Fall of coal....................	Two fingers left hand injured............	I
20 Yrs...	39	Timberman....	Fell on pump..................	Thigh injured..........................	I
20 Yrs...	53	Miner.........	Mine car........................	Left ankle injured.......................	I
3 Mos..	20	Laborer........	Mine car........................	Contusion of right foot.................	O
Sev. Yrs.	24	Miner.........	Fall of roof....................	Severe injuries to both knees............	I
10 Yrs...	26	Driver.........	Mine trucks.....................	Lumbar muscles injured.................	I
10 Yrs...	53	Miner.........	Fall of roof....................	Shoulders, back and arms injured.........	I
Sev. Yrs.	25	Miner.........	Removing slate..................	Deep laceration of right hand............	I
8 Yrs...	22	Driver.........	Mine car........................	Finger severed at first joint, hands injured..	I
Sev. Yrs.	24	Mach. Runner..	Cable reel.......................	Ankle, leg and eye injured..............	I
Sev. Yrs.	32	Miner.........	Fall of coal.....................	Ankle severely injured..................	I
6 Mos..	19	Laborer........	Fall of roof....................	Spine fractured........................	I
5 Yrs...	26	Miner.........	Fall of roof....................	Thigh fractured, back and face injured....	I
12 Yrs...	48	Leveller.......	Truck and engine...............	Left ankle injured......................	O
2 Yrs...	32	Miner.........	Fall of roof....................	Left thumb fractured...................	I
20 Yrs...	42	Miner.........	Fall of roof....................	Right foot mashed.....................	I
3 Yrs...	19	Driver.........	Mine car........................	Laceration of right leg..................	I
20 Yrs...	41	Miner.........	Fall of roof....................	Dislocation of left knee.................	I
6 Mos..	20	Driver.........	Mine car........................	Severe injury to knee..................	I
15 Yrs...	55	Miner.........	Blown through shot............	Laceration about face and forehead.......	I
1 Yr....	18	Driver.........	Mine car and post..............	Mashed through hips...................	I
14 Yrs...	52	Dock Boss.....	Mine car........................	Left side, right arms and thighs injured....	O
1 Yr....	17	Driver.........	Mine car........................	Left leg injured........................	I
2 Yrs...	21	Driver.........	Mine car........................	Fracture of radius......................	I
3 Yrs...	18	Driver.........	Mine car........................	Fracture of radius......................	I
5 Yrs...	30	Miner.........	Fall of rock.....................	Foot injured...........................	I
7 Yrs...	33	Miner.........	Blown through shot............	Side of face injured....................	I
4 Yrs...	35	Mach.Runner..	Fall of roof....................	Back injured..........................	I
3 Yrs...	31	Miner.........	Fall of coal.....................	Fracture of tibia and knee...............	I
2 Yrs...	45	Machinist......	Generator.......................	Thumb nearly severed, left hand crushed..	O
2 Yrs...	23	Miner.........	Fall of roof....................	Shoulders, back and chest injured and rib broken...........	I
2 Mos..	....	Driver.........	Mine car........................	Leg badly injured......................	I
10 Yrs...	26	Miner.........	Premature blast................	Hand and arm burned...................	I
3 Yrs...	22	Mach.Runner..	Machine chain..................	Finger severely injured..................	I
2 Yrs...	23	Miner.........	Fall of roof....................	Foot and ankle injured..................	I
18Days.	18	Turn keeper....	Mine car........................	Foot and ankle mashed.................	I
7 Yrs...	33	Laborer........	Mine cars.......................	Left arm broken.......................	O
18 Yrs...	43	Miner.........	Fall of coal.....................	Back injured..........................	I
10 Yrs...	39	Miner.........	Fall of roof....................	Arm badly mashed.....................	I
13 Yrs...	24	Electric Loco. Runner......	Electric locomotive..............	Right arm broken......................	I
5 Yrs...	35	Miner.........	Fall of roof....................	Ankle injured..........................	I
22 Yrs...	56	Miner.........	Fall of roof....................	Left ankle fractured....................	I
3 Yrs...	19	Driver.........	Mine car........................	Squeezed through body.................	I
11 Yrs...	44	Miner.........	Fall of roof....................	Two fingers injured (part of one amputated)	I
3 Yrs...	34	Brakeman.....	Mine car........................	Left foot injured.......................	O
3 Mos..	19	Miner.........	Fall of coal.....................	Scalp severely lacerated.................	I
1 Day..	37	TippleForeman	Mine car........................	Left knee dislocated....................	O
15 Yrs...	36	Miner.........	Fall of roof....................	Right knee injured.....................	I
10 Yrs...	27	Min'g Engineer	Fall of roof....................	Back broken and shoulders dislocated.....	I
75 Days.	30	Mach.Runner..	Mining machine................	Wound on left leg between knee and hip...	I
4 Mos..	27	Miner.........	Mine cars.......................	Ankle, back and shoulder injured.........	O
6 Yrs...	34	Miner.........	Fall of roof....................	Nose broken, foot, ankle and thigh injured.	I
2 Yrs...	31	Miner.........	Fall of roof....................	Rib on left side broken.................	I
Sev. Yrs.	32	Miner.........	Fall of roof....................	Lft foot mashed, hip crushed............	I
4 Yrs...	31	Machine Helper	Mine car........................	Leg bruised and fractured tibia..........	I
3 Yrs...	49	Miner.........	Fall of roof....................	Abrasion of right parietal region..........	I
5 Yrs...	21	Miner.........	Fall of roof....................	Jaw fractured, and head, face, back and shoulders injured.................	I
22 Yrs...	36	Miner.........	Fall of roof....................	Hip dislocated, back and arm injured......	I
1 Yr....	30	Miner.........	Fall of roof....................	Head injured, part of ear cut off and left femur fractured..................	I
5 Yrs...	33	Miner.........	Fall of roof....................	Head, arm and wrist injured.............	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	MERCER COUNTY—Con.				
1274	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 2	John Supine	2- 6-15	Slavish
1275	Pocahontas Cons. Collys. Co., Inc	Elkhorn	Antonio Yoger	2-17-15	Russian
1276	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 2	Oscar Moore	2-19-15	Negro
1277	Pocahontas Cons. Collys. Co., Inc	Elkhorn	Joseph Youk	3- 3-15	Hungarian
1278	Pocahontas Cons. Collys. Co., Inc	No. 2	Bob Calloway	3- 8-15	Negro
1279	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 2	Albert Thompson	4- 6-15	American
1280	Pocahontas Cons. Collys. Co., Inc	Caswell Creek	Clarence Thompson	4-26-15	Negro
1281	Pocahontas Cons. Collys. Co., Inc	Hemlock	John Footo	5- 1-15	Slavish
1282	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 1	S. B. Griffith	5-24-15	American
1283	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 2	Cling Aivery	6- 2-15	Negro
1284	Pocahontas Cons. Collys. Co Inc	Sagamore No. 2	Jasper Houstin	6- 8-15	Negro
1285	Pocahontas Cons. Collys. Co., Inc	Sagamore No. 2	Tony Dottisch	6-12-15	Slavish
1286	Pocahontas Cons. Collys. Co., Inc	Caswell Creek	Harry Cox	6-18-15	American
1287	Smokeless Coal & Coke Co., The	Smokeless	John Arrington	9-23-14	American
1288	Solvay Collieries Co	Spring	Alex Kenay	10- 8-14	Hungarian
1289	Solvay Collieries Co	Spring	John Korpas	10-12-14	Hungarian
1290	Solvay Collieries Co	Spring	Walter Bottonley	6-12-15	American
1291	Turkey Gap Coal & Coke Co	No. 1	E. T. Nickolson	4-23-15	American
	MINERAL COUNTY				
1292	Abrams Creek Coal & Coke Co., The	No. 1	Dominick Chucky	6- 1-15	Italian
1293	Big Vein Coal Co	Four Foot	Otha J. Smith	1-20-15	American
1294	Davis Coal & Coke Co	No. 51	Phillip Baker	6-23-15	American
	MINGO COUNTY				
1295	Crystal Block Coal Co	No. 1	Earl Carby	7- 2-14	American
1296	Crystal Block Coal Co	No. 1	J. B. Pemberton	5- 3-15	American
1297	Crystal Block Coal Co	No. 1	Gilbert Marcum	5-10-15	American
1298	Glen Alum Coal Co	No. 1	Lawyer Hatfield	8-11-14	American
1299	Glen Alum Coal Co	No. 1	Mack Volna	8-11-14	Italian
1300	Glen Alum Coal Co	No. 1	Santo Plase	11-18-14	Italian
1301	Glen Alum Coal Co	No. 2-4	Melbin Murjoky	2-20-15	American
1302	Glen Alum Coal Co	No. 1-3	John Vargo	5- 6-15	Hungarian
1303	Glen Alum Coal Co	No. 1	Zeb Tucker	5-12-15	Negro
1304	Howard Junior Coal Co	Junior	Ermil Adair	9- 7-14	American
1305	Howard Junior Coal Co	Junior	Neal Vinson	9-17-14	American
1306	Howard Junior Coal Co	Junior	Thomas Prince	10- 1-14	American
1307	Howard Junior Coal Co	Junior	Pete Sebastian	4-13-15	Italian
1308	Howard Junior Coal Co	Junior	W. L. Dent	4-28-15	American
1309	Howard Junior Coal Co	Junior	Allen Sprouse	5-17-15	American
1310	Howard Colliery Co	Howard	Geo. Miller	7-10-14	American
1311	Howard Colliery Co	Frederick	Frank Shinault	7-22-14	American
1312	Howard Colliery Co	Howard	Noah Fields	8- 8-14	American
1313	Howard Colliery Co	Howard	Elias Dutton	11-18-14	American
1314	Howard Colliery Co	Howard	Sam Dingell	11-23-14	American
1315	Howard Colliery Co	Howard	Tony Pass	5-26-15	Italian
1316	Sycamore Coal Co	Cinderella	Charles Brooks	7-18-14	American
1317	Sycamore Coal Co	Cinderella	William Dixson	10- 5-14	Negro
1318	Sycamore Coal Co	Cinderella	Joe Miller	10-13-14	Russian
1319	Sycamore Coal Co	Cinderella	Lee Parsons	10-16-14	Negro
1320	Sycamore Coal Co	Cinderella	D. W. Richardson	10-29-14	English
1321	Sycamore Coal Co	Cinderella	Edwin Bolen	4-14-15	American
1322	Sycamore Coal Co	Cinderella	Evans King	4-20-15	American
1323	Thacker Coal & Coke Co	No. 11	Elzie Cole	10-12-14	American
1324	War Eagle Coal Co	Pappoose	D. Midkiff	1- 7-15	American
1325	Williamson Coal & Coke Co	No. 7	Eugene Fergurson	8-25-14	American
1326	Williamson Coal & Coke Co	No. 6	Geo. Runyon	9- 1-14	American
1327	Williamson Coal & Coke Co	No. 6	Geo. Huff	9- 9-14	American
1328	Williamson Coal & Coke Co	No. 5	Grant McGuire	10-19-14	American
1329	Williamson Coal & Coke Co	No. 6	Fred Moore	3- 1-15	American
1330	Williamson Coal & Coke Co	No. 3	David Mitchell	3-10-15	American
1331	Williamson Coal & Coke Co	No. 6	W. G. Frank	4-30-15	Amreican
1332	Williamson Coal & Coke Co	No. 1	Arthur Mitchell	5- 4-15	American
	MONONGALIA COUNTY				
1333	Antler Coal Co	Grant	Geo. Brooks	7-18-14	American
1334	Antler Coal Co	Grant	Charles Haun	9- 9-14	American
1335	Elkins Coal & Coke Co	No. 5	Mike Oros	8-11-14	Hungarian
1336	Elkins Coal & Coke Co	No. 5	Steve Eavenson	9-19-14	American
1337	Elkins Coal & Coke Co	No. 1	Vincent Saluci	10-31-15	Italian
1338	Elkins Coal & Coke Co	No. 1	Art Hilling	11-13-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
4 Yrs...	37	Miner	Moving iron safe	One finger severed	O
6 Yrs...	54	Miner	Fall of roof	Left leg fractured and scalp wound	I
12 Yrs...	36	Miner	Fall of roof	Back dislocated	I
4 Mos..	50	Miner	Mine car	Laceration of left leg	I
14 Yrs...	27	Miner	Fall of coal	Fracture of right leg	I
6 Mos..	16	Slate picker	Railroad car	Fracture of leg	O
28 Hrs...	24	Driver	Mine car	Contusion of left shoulder	I
4 Yrs...	21	Miner	Fall of coal	Back and right side of pelvis injured	I
10 Yrs...	50	Trackman	Steel rail	Foot sprained and bruised	I
1 Yr....	26	Brakeman	Fall of roof	Right foot cut and large toe dislocated	I
3 Yrs...	22	Brakeman	Mine car	Finger nail torn off, phalanges bruised	I
4 Yrs...	25	Machine Helper	Electric Locomotive and roof	Back, rib and lower dorsal injured	I
9 Mos..	32	Miner	Fall of roof	Third toe of right foot severed and thumb injured	I
2 Yrs...	20	Laborer	Mine car	Leg injured between ankle and knee	O
8 Yrs...	38	Mine	Fall of roof	Right leg fractured in three places	I
4 Mos..	36	Miner	Fall of coal	Collar bone fractured	I
5 Yrs...	23	Machine Helper	Fall of roof	End of thumb severed	I
10 Yrs...	19	Driver	Mine car	Right arm injured	I
12 Yrs...	32	Miner	Mine car	Right hand lacerated	I
3 Yrs...	20	Miner	Fall of roof	Severe injury to wrist	I
4 Yrs...	23	Miner	Fall of roof	Head, nose and hip injured	I
4 Mos..	26	Laborer	Mine car	Contused wound of right knee	O
1 Mo...	29	Laborer	Sand stone	Fractured clavicle	O
10 Yrs...	20	Driver	Mine car	Fracture of left leg	I
5 Yrs...	25	Shot firer	Explosion of cartridge	Hands and face burned	I
3 Mos..	30	Shot firer	Explosion of cartridge	Hands and face burned	I
1 Yr....	17	Coal Loader	Fall of roof	Serious injury to crouch	I
2 Yrs...	22	Brakeman	Electric locomotive	Left foot lacerated	O
3 Yrs...	24	Miner	Fall of roof	Fracture of right knee	I
Sev. Yrs.	27	Driver	Mine car and post	Right leg broken above knee	I
3 Yrs...	16	Brakeman	Locomotive engine	Foot mashed	O
9 Days.	20	Machine Helper	Fall of coal	Knee injured	I
1 Mo...	32	Dumper	Mine car	Foot badly mashed	O
2 Yrs...	22	Coal Loader	Fall of roof	Back bruised and leg injured	I
20 Yrs...	53	Coal Loader	Fall of roof	Leg broken	I
3 Yrs...	17	Driver	Mine car	Collar bone broken, head and hips injured.	I
3 Days.	39	Coal Loader	Mine car	Left hand crushed	I
16 Days.	24	Brakeman	Mine car	Foot badly mashed	O
3 Days.	18	Dumper	Mine car	Foot badly mashed	O
3 Yrs...	21	Machine Helper	Fall of coal	Finger broken and one mashed	I
6 Mos..	39	Coal Loader	Fall of coal	Left leg broken	I
2 Yrs...	29	Slateman	Fall of coal	Back, nose, shoulder and hips injured	I
3 Yrs...	19	Brakeman	Mine car	Ankle badly injured	I
5 Yrs...	38	Coal Loader	Mine car and roof	Fingers mashed	I
6 Yrs...	38	Miner	Fall of roof	Back and ankle injured	I
5 Yrs...	36	Coal Loader	Fall of roof	Right leg and ankle injured	I
2 Yrs...	19	Mach.Runner	Machine jack	Right leg broken	I
6 Yrs...	21	Coal Loader	Fall of roof	Right leg broken and other injuries	I
3 Yrs...	19	Brakeman	Mine car and post	Head bruised, fractured ear drum	I
5 Yrs...	23	Miner	Mine car	Mashed through hips	I
2 Days.	16	Miner	Machine truck	Leg broken	I
6 Wks..	38	Miner	Mine car	Skull fractured	I
3 Yrs...	29	Miner	Machine jack	Thumb crushed	I
5 Yrs...	19	Electric Loco. Runner	Mine car	Finger crushed	I
28 Yrs...	49	Miner	Mine car	Loss of part of finger	I
1 Wk...	20	Brakeman	Mine car	Right foot severely crushed	I
5 Yrs...	20	Machine Helper	Fall of coal	Knee injured	I
15 Yrs...	55	Blacksmith	Piece of timber	Four toes mashed	O
21 Yrs...	56	Trackman	Fall of roof	Back injured and rib fractured	I
2 Yrs...	35	Driver	Mine car	One rib fractured and other injuries	I
10 Yrs...	22	Driver	Fall of coal	Leg injured	I
6 Mos..	23	Miner	Mine car	Hips and back squeezed	I
8 Yrs...	30	Dumper	Tipple apron	Right leg broken near ankle	O
18 Mos..	18	Miner	Mine car	Hand injured	I
8 Mos..	58	Laborer	Board and nail	Foot badly pierced	O

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	MONONGALIA COUNTY—Con.				
1339	Elkins Coal & Coke Co	No. 5	Joe Parrotts	3-16-15	Italian
1340	Elkins Coal & Coke Co	No. 5	Jim Horwat	4- 3-15	Hungarian
1341	Elkins Coal & Coke Co	No. 1	Geo. W. Wood	5- 3-15	American
1342	Elkins Coal & Coke Co	No. 6	Clarence Turner	6- 4-15	American
1343	Great Scott Coal & Coke Co	Great Scott	William Server	6- 5-15	American
1344	North American Coal Co	No. 1	Virgil Johnson	1-11-15	American
	NICHOLAS COUNTY				
1345	Saxman Coal & Coke Co., The	No. 1	Jacob Zabukovie	9-15-14	Austrian
1346	Saxman Coal & Coke Co., The	No. 1	Louie Frantangelo	12- 9-14	Italian
1347	Saxman Coal & Coke Co., The	No. 3	Silas Hammond	1- 5-15	American
1348	Saxman Coal & Col Co., The	No. 3	Virgil McClung	2- 2-15	American
1349	Saxman Coal & Coke Co., The	No. 3	Joe Notitsky	2-19-15	Lithuanian
	OHIO COUNTY				
1350	Elm Grove Coal Co., The	Elm Grove	James Cosser	7-23-14	American
1351	Elm Grove Coal Co., The	Elm Grove	Andy Megless	8-20-14	Slavish
1352	Elm Grove Coal Co., The	Elm Grove	Andy Mallets	11-21-14	Polish
1353	Richland Coal Co	Richland	Frank Zeitz	12- 3-14	Austrian
1354	Richland Coal Co	Richland	Nick Turkall	3-20-15	Austrian
	PRESTON COUNTY				
1355	Borgman Coal Co	Borgman	Robert Beavers	6-28-15	American
1356	Elkins Coal & Coke Co	No. 6	Eeward Smith	7-27-14	American
1357	Elkins Coal & Coke Co	No. 6	Dominick Lattanige	12- 2-14	Italian
1358	Elkins Coal & Coke Co	No. 6	Walter Conway	12-11-14	American
1359	Elkins Coal & Coke Co	No. 6	Elias Maxwell	1-28-15	American
1360	Elkins Coal & Coke Co	No. 2	H. F. Grooves	4-30-15	American
1361	Elkins Coal & Coke Co	No. 2	Frank Fratt	5-15-15	Italian
1362	Elkins Coal & Coke Co	No. 2	Jacob Martini	6-24-15	Italian
1363	Elkins Coal & Coke Co	No. 6	Edward Smith	6-29-15	American
1364	Hiorra Coke Co	Vulcan	Robert White	8- 3-14	American
1365	Hiorra Coke Co	Vulcan	John Bolden	9- 4-14	Russian
1366	Hiorra Coke Co	Vulcan	J. W. Lee	9-10-14	American
1367	Irona Coal Co	No. 2	Morgan Williams	6- 7-15	Welch
1368	Kendall Lumber Co	No. 1	Alexander Lantz	1- 6-15	English
1369	Merchants Coal Co	Tunnelton	H. H. Carrico	4- 3-15	American
1370	Preston Fuel Co	No. 1	Pete Machinich	7- 6-14	Slavish
1371	Preston Fuel Co	No. 1	Felix Donnelly	10-23-14	Irish
1372	Somerset Smokeless Coal Co	No. 2	O. M. Conner	7-16-14	American
1373	Somerset Smokeless Coal Co	No. 2	Jasper Wadkins	7-21-14	American
1374	Somerset Smokeless Coal Co	Tunnelton	E. E. Cross	11- 6-14	American
1375	Somerset Smokeless Coal Co	No. 2	Victor Hoffman	2- 6-15	American
1376	Virginia-Maryland Coal Corp	Scotch Hill	Elias Roe	8-18-14	American
1377	Virginia-Maryland Coal Corp	Scotch Hill	James O'Brien	8-25-14	Scotch
1378	Virginia-Maryland Coal Corp	Scotch Hill	J. Ed. Deavers	4- 5-15	American
	PUTNAM COUNTY				
1379	Black Betsey Coal & Mining Co	No. 3	Ben Simmons	9- 5-14	American
1380	Black Betsey Coal & Mining Co	No. 3	D. L. Johnson	9-12-14	American
1381	Otto-Marmet Coal & Mining Co	No. 3	William Crimer	4-10-15	American
1382	Plymouth Coal & Mining Co	Manila	Jerry Rose	10-27-14	American
1383	Plymouth Coal & Mining Co	Manila No. 4	H. A. Jones	12- 3-14	American
1384	Plymouth Coal & Mining Co	Manila	Ballard Persinger	12-11-14	American
1385	Plymouth Coal & Mining Co	Manila	Lester Bolling	1-30-15	American
1386	Plymouth Coal & Mining Co	Manila	Richard Kerwood	2- 2-15	American
1387	Plymouth Coal & Mining Co	Plymouth	John Heim	2-24-15	American
1388	Plymouth Coal & Mining Co	Plymouth No. 4	Andy Kaiko	4- 8-15	Polish
1389	Plymouth Coal & Mining Co	Plymouth No. 4	Hallie Harris	4- 8-15	American
	RALEIGH COUNTY				
1390	Bailey-Wood Coal Co	Woodbay	Charles Smith	2- 2-15	American
1391	Beckley Coal & Coke Co	Beckley	B. F. Hughes	10-24-14	American
1392	City Coal Co	Combs	Isaac Morgan	8-27-14	Welch
1393	Clear Fork Coal Co	Leevale	Charles Coiner	11-16-14	American
1394	Clear Fork Coal Co	Leevale	L. D. Perdew	6-30-15	American
1395	Cranberry Fuel Co	Sprague	Perry Evans	7-18-14	American
1396	Cranberry Fuel Co	Sprague	Tracy Alloy	8- 6-14	Italian
1397	Cranberry Fuel Co	Sprague	Charles L. Smith	9- 5-14	American
1398	Cranberry Fuel Co	Sprague	Anton Choys	9-25-14	Polish
1399	Cranberry Fuel Co	Sprague	Joe Sufisick	9-29-14	Polish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
5 Yrs.	36	Mach.Runner	Machine jack	Finger mashed	I
8 Mos.	30	Miner	Passenger car	Bladder injured and other injuries	O
25 Yrs.	43	Miner	Flying coal from pick	Eye injured	I
4 Yrs.	23	Electric Loco. Runner	Electric locomotive	Foot crushed and one toe amputated	O
3 Yrs.	40	Laborer	Spike	Foot punctured	O
10 Yrs.	32	Miner	Fall of dirt	Left arm broken and right arm dislocated.	I
2 Yrs.	48	Miner	Mine car	Wrist injured	I
6 Mos.	22	Miner	Blown out shot	Arms burned	I
3 Mos.	17	Back hand	Explosion of powder	Hands, neck and knee burned	I
1 Yr.	21	Dumper	Mine car	Three fingers crushed and lacerated	O
12 Yrs.	39	Miner	Premature explosion	Nose broken and eye injured	I
20 Days	32	Mach.Runner	Mining machine	Bone broken in left ankle	I
5 Days	22	Mach.Runner	Mining machine	Bones broken in left foot	I
4 Mos.	29	Coal Loader	Fall of roof	Two compound fractures of right leg	I
8 Yrs.	26	Driver	Mine car and door	Hips crushed and pelvis fractured	I
6 Yrs.	24	Driver	Mine car	Three ribs injured and internal injuries	I
6 Mos.	27	Driver	Mine car	Four fingers injured	O
2 Yrs.	17	Miner	Mine pick	Hand punctured	I
7 Yrs.	35	Miner	Mine car	Palm of hand bursted	I
7 Yrs.	34	Carpenter	Gin pole fell	Right leg broken	O
10 Yrs.	52	Bratticeman	Jumped on rock	Ankle injured	O
2 Yrs.	18	Coupler	Mine car	Radius bone left arm broken	O
9 Yrs.	22	Brakeman	Mine car	Left leg broken	I
7 Mos.	37	Miner	Mine car	Compound fracture of right arm	I
2 Yrs.	20	Miner	Fall of coal	Hand lacerated and two fingers crushed	I
15 Yrs.	66	Miner	Fall of coal and slate	Back and hip injured	I
7 Yrs.	35	Miner	Fall of roof	Back injured	I
15 Yrs.	44	Miner	Fall of coal	Rib broken	I
38 Yrs.	60	Laborer	Wire rope	Right leg broken above ankle	I
4 Yrs.	33	Miner	Fall of roof	Shoulder and hip injured	I
3 Yrs.	18	Brakeman	Water car	Hip injured	I
3 Yrs.	42	Miner	Fall of roof	Back and hip injured	I
Sev. Yrs.	45	Miner	Fall of roof	Left hip bone broken	I
2 Yrs.	17	Brakeman	Electric locomotive	Leg broken	I
15 Yrs.	40	Mach.Runner	Machine lever	Jaw broken	I
15 Yrs.	42	Mach.Runner	Mining machine	Ankle bone broken	I
8 Yrs.	22	Miner	Powder explosion	Left thumb broken	I
4 Yrs.	17	Miner	Mine car and post	Both sides injured, also chest	I
10 Yrs.	48	Driver Boss	Mine car	Hips squeezed	I
4 Yrs.	19	Driver	Mine car and post	Hips injured	I
25 Yrs.	45	Miner	Fall of coal	Back broken	I
42 Yrs.	57	Miner	Fall of roof	Jaw broken and leg injured	I
4 Yrs.	20	Laborer	Mine car	Foot severed at instep	O
2 Yrs.	25	Miner	Fall of coal	Leg injured about knee	I
20 Yrs.	47	Miner	Fall of coal	Ankles and arm injured	I
2 Yrs.	20	Miner	Fall of coal	Foot mashed	I
3 Mos.	14	Miner	Fall of coal	Leg and face injured	I
5 Yrs.	28	Miner	Fall of coal	Left arm injured	I
12 Yrs.	30	Miner	Mine car	Mashed through body	I
6 Mos.	35	Miner	Blown through shot	Face and hands burned	I
4 Yrs.	24	Miner	Blown through shot	Face and hands burned	I
5 Yrs.	34	Laborer	Electric wire	Left leg burned	O
6 Days	17	Door boy	Mine car	Leg fractured	I
10 Yrs.	38	Miner	Fall of roof	Scalp, eye, cheek and legs injured	I
5 Yrs.	19	Electric Loco. Runner	Mine car	Hip dislocated	I
Sev. Yrs	35	Miner	Mine car	Leg broken and other injuries	I
5 Yrs.	19	Driver	Mine car	Right arm fractured	I
9 Yrs.	25	Coal Loader	Fall of roof	Head, eye and body injured	I
13 Yrs.	32	Miner	Fall of roof	Side bruised, knee and ankle injured	I
20 Yrs.	34	Miner	Fall of roof	Chest mashed and arm injured	I
18 Yrs.	40	Miner	Fall of roof	Fracture of right femur	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	RALEIGH COUNTY—Con.				
1400	Cranberry Fuel Co	Sprague	J. M. Akers	11-17-14	American
1401	Cranberry Fuel Co	Sprague	Matt Adkins	1- 4-15	Negro
1402	Four States Coal & Coke Co., Rec	Sarita	Nick George	7- 1-14	Greek
1403	Four States Coal & Coke Co., Rec	Sarita	Muncie Laboso	11-23-14	Italian
1404	Four States Coal & Coke Co., Rec	Sarita	Geo. Nesat	12-21-14	Greek
1405	Four States Coal & Coke Co., Rec	Dorothy	Tom Stine	2- 7-15	Greek
1406	Four States Coal & Coke Co., Rec	Dorothy	Henry McPhail	5- 4-15	Negro
1407	Four States Coal & Coke Co., Rec	Dorothy	John Jackson	5-31-15	Negro
1408	Four States Coal & Coke Co., Rec	Sarita	J. C. Shortt	6-30-15	American
1409	Gulf Coal Co	No. 1	Robert Lefur	1-18-15	American
1410	Gulf Coal Co	No. 1	Geo. Clark	2- 1-15	Negro
1411	Gulf Coal Co	No. 1	Fayodatt Carpock	2- 5-15	Russian
1412	Gulf Coal Co	No. 1	Walter Bowles	2-10-15	American
1413	Lilly Mining Co	No. 2	W. J. Jones	2- 5-15	American
1414	Lilly Mining Co	Whorley	Wm. Asverry	5-29-15	American
1415	Lilly Mining Co	Whorley	W. B. Meadows	6-24-15	American
1416	Lynwin Coal Co	Lynwin	John Wihosky	11- 6-14	Polish
1417	Mabscott Coal & Coke Co	Mabscott	L. A. Lively	7-14-14	American
1418	Mabscott Coal & Coke Co	Mabscott	Ranum Eneniar	9-12-14	Spanish
1419	Mabscott Coal & Coke Co	Mabscott	J. H. Hill	10- 8-14	Negro
1420	Mabscott Coal & Coke Co	Mabscott	Tom Logan	1-11-15	Negro
1421	Marsh Fork Coal Co	Marsh Fork	Charles Sodino	11-12-14	Italian
1422	Marsh Fork Coal Co	Marsh Fork	Eris Combs	1- 8-15	American
1423	Marsh Fork Coal Co	Marsh Fork	Thomas Stover	6-25-15	American
1424	MacAlpin Coal Co	MacAlpin	Joe Polosky	7-16-14	Austrian
1425	MacAlpin Coal Co	MacAlpin	Mason Faulkner	8- 8-14	American
1426	MacAlpin Coal Co	MacAlpin	J. W. Brown	9-11-14	American
1427	MacAlpin Coal Co	MacAlpin	Thomas Stetz	0- 9-14	Austrian
1428	MacAlpin Coal Co	MacAlpin	Joe Preno	1- 5-15	Italian
1429	MacAlpin Coal Co	MacAlpin	Lem Arnold	11-15-15	Negro
1430	MacAlpin Coal Co	MacAlpin	Louis Day	1-16-15	Italian
1431	MacAlpin Coal Co	MacAlpin	Charles Frautler	1-17-15	American
1432	MacAlpin Coal Co	MacAlpin	Felix O'Colish	1-18-15	Russian
1433	MacAlpin Coal Co	MacAlpin	Adolf Klick	2- 8-15	German
1434	MacAlpin Coal Co	MacAlpin	John Jordan	3-27-15	American
1435	MacAlpin Coal Co	MacAlpin	Ed. Jackson	4-12-15	Negro
1436	MacAlpin Coal Co	MacAlpin	Elvin Tucker	4-14-15	Negro
1437	MacAlpin Coal Co	MacAlpin	Charles Davis	6-15-15	Negro
1438	MacAlpin Coal Co	MacAlpin	J. H. Slayton	6-28-15	Negro
1439	McKell Coal & Coke Co	Oswald No. 2	A. J. Gillispie	7-22-14	American
1440	McKell Coal & Coke Co	No. 1	John Shutko	8-10-14	Polish
1441	McKell Coal & Coke Co	Tamroy	Bill Marcorca	9-14-14	Italian
1442	McKell Coal & Coke Co	Graham	Berry Alexander	9-16-14	American
1443	McKell Coal & Coke Co	Oswald	J. T. Mason	9-22-14	American
1444	McKell Coal & Coke Co	Oswald No. 3	J. R. Carter	12-31-14	Negro
1445	McKell Coal & Coke Co	Tamroy	John Combs	1- 5-15	American
1446	McKell Coal & Coke Co	Oswald No. 1	Mike Hrcha	1-12-15	Slavish
1447	McKell Coal & Coke Co	Oswald No. 3	Wilford Mays	2-19-15	Negro
1448	McKell Coal & Coke Co	Tamroy	Pino Piettro	4- 5-15	Italian
1449	McKell Coal & Coke Co	Oswald No. 1	Walter Hipes	4-12-15	American
1450	McKell Coal & Coke Co	Tamroy	Venance Delerowever	5-12-15	Italian
1451	McKell Coal & Coke Co	Tamroy	Henry Thaxton	5-29-15	Negro
1452	McKell Coal & Coke Co	Tamroy	Geo. Scales	6- 4-15	Negro
1453	McKell Coal & Coke Co	Oswald No. 1	Hayden Hipes	6-12-15	American
1454	McKell Coal & Coke Co	Tamroy	Fordo Cordone	6-14-15	Italian
1455	McKell Coal & Coke Co	Tamroy	Albert Gordon	6-26-15	Negro
1456	New River Collieries Co	Eccles No. 3	Charles Kulmon	7-18-14	Polish
1457	New River Collieries Co	Eccles No. 3	D. L. Burnett	9-14-14	American
1458	New River Collieries Co	Eccles No. 5	Peter Lucas	10-20-14	American
1459	New River Collieries Co	Eccles No. 5	John Drank	10-22-14	Austrian
1460	New River Collieries Co	Eccles No. 5	Jack Felix	1- 9-15	German
1461	New River Collieries Co	Eccles No. 5	Geo. Toney	1- 9-15	Lithuanian
462	New River Collieries Co	Eccles No. 3	Sid Vaughan	3- 5-15	American
1463	New River Collieries Co	Outside	J. S. Smith	3-22-15	American
1464	Pemberton Coal & Coke Co	Big Stick	R. H. Perdue	7- 2-14	American
1465	Pemberton Coal & Coke Co	Affinity	John Roupe	7- 8-14	American
1466	Pemberton Coal & Coke Co	Big Stick	John Taylor	8-25-14	American
1467	Pemberton Coal & Coke Co	Big Stick	Geo. Oregon	9-12-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
19 Yrs.	39	Miner	Electric Locomotive and post	Mashed through hips	I
16 Yrs.	38	Driver	Fall of roof	Fracture of tibia and knee injured	I
10 Mos.	22	Miner	Mine car	Eye, ear and right shoulder injured	I
5 Mos.	19	Tipple man	Dump frame	Loss of three toes	O
3 Yrs.	37	Miner	Fall of roof	Head injured	I
2 Yrs.	25	Brakeman	Mine car	Compound fracture of leg	I
16 Yrs.	28	Mach. Runner	Fall of roof	Right leg broken below knee	I
20 Yrs.	33	Mach. Runner	Fall of roof	Dislocation and fracture of knee	I
25 Yrs.	43	Brakeman	Mine car	Bones crushed in right foot	I
6 Yrs.	21	Coal Loader	Fall of roof	Back and ankle injured	I
8 Mos.	19	Brakeman	Mine car	Leg crushed and amputated near ankle	I
2 Mos.	29	Miner	Fall of roof	Head bruised	I
14 Yrs.	28	Laborer	Fall of roof	Ankle and back injured and one rib loosened from back bone	I
9 Mos.	46	Miner	Fall of roof	Leg broken	I
10 Yrs.	30	Miner	Mine car	Left knee and abdominal injuries	I
10 Yrs.	32	Miner	Fall of roof	Knee and ankle injured	I
2 Days.	32	Miner	Premature blast	Breast and hand injured	I
3 Yrs.	33	Miner	Fall of roof	Shoulder, head and back injured	I
6 Mos.	33	Miner	Fall of roof	Head and back injured	I
6 Yrs.	30	Miner	Fall of roof	Left leg and right knee injured	I
13 Yrs.	34	Miner	Fall of roof	Right leg broken	I
3 Yrs.	21	Miner	Fall of roof	Three ribs fractured, ankle crushed	I
3 Yrs.	20	Electric Loco. Runner	Trolley Pole	Loss of index finger at second joint	O
12 Yrs.	33	Dropping cars	Wire rope	Left arm broken	O
Sev. Yrs.	27	Miner	Fall of roof	Mashed through chest	I
18 Mos.	16	Brakeman	Electric locomotive	Loss of one toe	I
3 Yrs.	20	Miner	Fall of roof	Foot mashed	I
6 Yrs.	40	Miner	Fall of roof	Leg cut and body mashed	I
6 Yrs.	26	Miner	Fall of roof	Back injured	I
4 Yrs.	18	Brakeman	Mine car	Foot mashed	I
2 Yrs.	22	Brakeman	Fall of roof	Foot mashed	I
4 Yrs.	19	Brakeman	Mine car	Finger broken	I
5 Yrs.	27	Miner	Fall of roof	Hand mashed	I
4 Yrs.	18	Brakeman	Mine car	Foot mashed	I
25 Yrs.	55	Trackman	Slate and post	Side and head injured	I
8 Yrs.	26	Brakeman	Electric locomotive	Foot mashed	I
5 Yrs.	23	Miner	Fall of roof	Hip and knee mashed	I
3 Yrs.	23	Miner	Fall of roof	Hip mashed	I
4 Yrs.	22	Mach. Runner	Water car	Leg broken	I
30 Yrs.	46	Miner	Premature explosion	Arms, face, back and neck burned	I
10 Yrs.	40	Miner	Fall of roof	Back badly injured	I
5 Yrs.	33	Miner	Fall of roof	Foot mashed	I
30 Yrs.	65	Miner	Fall of roof	Foot mashed	I
Sev. Yrs.	63	Tippleman	Railroad cars	Head, arm and elbow injured	O
5 Yrs.	26	Electric Loco. Runner	Mine car	Compound fracture of three fingers	I
10 Yrs.	40	Miner	Fall of roof	Back severely injured	I
11 Yrs.	33	Trackman	Fall of roof	Shoulder, knee and ankle injured	I
1 Yr.	18	Brakeman	Mine car	Thighs injured	I
2 Yrs.	19	Electric Loco. Runner	Mine car	Back and sides mashed	I
10 Yrs.	27	Miner	Mine car and post	Head badly injured	I
5 Yrs.	28	Mach. Runner	Mining machine	Leg severely mashed	I
10 Yrs.	25	Miner	Fall of roof	Hand injured	I
6 Yrs.	24	Brakeman	Blacksmith's hammer	Finger mashed	I
15 Yrs.	30	Miner	Fall of roof	Back and hips injured	I
2 Yrs.	18	Brakeman	Mine car	Side and shoulder mashed	I
8 Yrs.	33	Mach. Runner	Fall of roof	Back and hips injured	I
6 Mos.	35	Miner	Mine car	Finger mashed and amputated	I
2 Yrs.	28	Electric Loco. Runner	Mine car	Hand badly mangled	I
1 Yr.	23	Electric Loco. Runner	Mine car	Fracture of left hand	I
1 Yr.	31	Miner	Fall of coal	Contusion of back and other injuries	I
3 Mos.	53	Miner	Mine car	Fracture of clavicle	I
1 Mo.	19	Coupler	Mine car	End of two fingers severed	I
6 Mos.	23	Timberman	Lifting timber	Congenital Hernia	I
3 Yrs.	29	Teamster	Lifting board	Finger or right hand fractured	O
20 Yrs.	27	Driver	Mine car and post	Rib broken and numerous bruises	I
10 Yrs.	34	Mach. Runner	Mining machine	Three toes mashed	I
1 Mo.	22	Driver	Mine car	Left leg broken	I
6 Mos.	33	Coal Loader	Fall of roof	Left ankle injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	RALEIGH COUNTY—Con.				
1468	Pemberton Coal & Coke Co.	Big Stick	Coni Wolpe	10-13-14	Italian
1469	Pemberton Coal & Coke Co.	Big Stick	R. C. Hylton	10-19-14	American
1470	Pemberton Coal & Coke Co.	Big Stick	Willie Hubbard	11-17-14	American
1471	Pemberton Coal & Coke Co.	Big Stick	Sam Grayco	1- 8-15	Italian
1472	Pemberton Coal & Coke Co.	Big Stick	Joe Parrish	2-18-15	Italian
1473	Pemberton Coal & Coke Co.	Affinity	Charles White	3-30-15	American
1474	Pemberton Coal & Coke Co.	Big Stick	Boyd Little	4-28-15	American
1475	Piney Mining Co.	No. 4	Joe Smith	8- 6-14	German
1476	Piney Mining Co.	No. 3	Charles Lucas	9-18-14	Hungarian
1477	Piney Mining Co.	No. 3	Anthony Gotusky	9-25-14	Russian
1478	Piney Mining Co.	No. 3	Charles Kachinsky	12-21-14	Russian
1479	Piney Mining Co.	No. 3	Felix Bush	9-22-14	Russian
1480	Piney Mining Co.	No. 1	J. E. Ankers	1-18-15	American
1481	Piney Mining Co.	No. 1	Raphael Bereco	2- 1-15	Spanish
1482	Piney Mining Co.	No. 4	Demisis Bera	2-11-15	Spanish
1483	Piney Mining Co.	No. 3	Morris King	4- 2-15	American
1484	Raleigh Coal & Coke Co.	No. 6	Stephen Bolem	8-14-14	Slavish
1485	Raleigh Coal & Coke Co.	No. 3	C. M. Wood	8-21-14	American
1486	Raleigh Coal & Coke Co.	No. 4	William F. Fox	8-25-14	American
1487	Raleigh Coal & Coke Co.	No. 3	W. A. Bragg	11-19-14	American
1488	Raleigh Coal & Coke Co.	No. 3	A. T. Hinkle	12- 9-14	American
1489	Raleigh Coal & Coke Co.	No. 6	C. C. Thornton	1-19-15	American
1490	Raleigh Coal & Coke Co.	No. 6	Geo. Powell	3- 2-15	American
1491	Raleigh Coal & Coke Co.	No. 6	W. H. Brogan	3-17-15	American
1492	Raleigh Coal & Coke Co.	No. 5	Irwin Walters	3-27-14	Scotch
1493	Royal Coal Co.	Royal	Roy Diggs	12-23-14	Negro
1494	Royal Coal Co.	Royal	John B. Connor	1-14-15	American
1495	Slab Fork Coal Co.	No. 3	Emory W. Francisco	7- 6-14	Italian
1496	Slab Fork Coal Co.	No. 3	Lurther Burton	7- 7-14	Italian
1497	Slab Fork Coal Co.	No. 3	Alfonzo McDaniel	7-22-14	Negro
1498	Slab Fork Coal Co.	No. 3	Lee Dunn	7-23-14	American
1499	Slab Fork Coal Co.	No. 3	Albert Medley	9-23-14	Negro
1500	Slab Fork Coal Co.	No. 2	Ernest Clark	9-28-14	Negro
1501	Slab Fork Coal Co.	No. 3	S. R. Haynes	10- 1-14	Negro
1502	Slab Fork Coal Co.	No. 2	C. B. Clark	10- 1-14	Negro
1503	Slab Fork Coal Co.	No. 2	W. P. Merchant	10- 3-14	Negro
1504	Slab Fork Coal Co.	No. 3	J. W. Kirk	10-15-14	American
1505	Slab Fork Coal Co.	No. 3	M. B. Martin	10-23-14	Negro
1506	Slab Fork Coal Co.	No. 3	W. F. Cook	11- 7-14	American
1507	Slab Fork Coal Co.	No. 5	Walter Taylor	2-27-15	American
1508	Slab Fork Coal Co.	No. 2	J. R. Clark	5-20-15	Negro
1509	Slab Fork Coal Co.	No. 5	Riley Tilley	5-22-15	American
1510	Slab Fork Coal Co.	No. 3	James Matthews	5 24-15	Welch
1511	Slab Fork Coal Co.	No. 5	Willie Warren	6- 4-15	Negro
1512	Slab Fork Coal Co.	No. 3	William Bradley	6- 9-15	Negro
1513	Stonewall Coal & Coke Co.	Terry	John Commazzi	5-19-15	Italian
1514	Sullivan Coal & Coke Co.	Tipple	Geo. Griffith	7-22-14	American
1515	Sullivan Coal & Coke Co.	North	J. H. Kenny	9-10-14	Negro
1516	Sullivan Coal & Coke Co.	South	Frank Caudill	9-18-14	American
1517	Sullivan Coal & Coke Co.	North	Frank Smith	10-13-14	American
1518	Sullivan Coal & Coke Co.	South	Charles Clouse	11- 9-14	German
1519	Sullivan Coal & Coke Co.	South	Albert Miner	11-17-14	Negro
1520	Sullivan Coal & Coke Co.	North	Posey Canaday	3-29-15	Negro
1521	Sullivan Coal & Coke Co.	North	Angelo Sodie	3-31-15	Italian
1522	Sullivan Coal & Coke Co.	North	Calvin Caugill	4-23-15	American
1523	Sullivan Coal & Coke Co.	Main North	Zodie Dzeak	5- 8-15	Russian
1524	West Virginia Coal Mining Co., The	Ragland	M. C. Miller	1-20-15	American
1525	White, E. F. Coal Co.	Stotesbury No. 3	John Howard	7-29-14	Negro
1526	White, E. F. Coal Co.	Stotesbury No. 3	John Urbanie	8-12-14	Slavish
1527	White, E. F. Coal Co.	Stotesbury No. 3	Ben Wakefield	8-21-14	Negro
1528	White, E. F. Coal Co.	Glen White No. 1	Leo Dominica	9-29-14	Italian
1529	White, E. F. Coal Co.	Stotesbury No. 3	Paul Levanti	10- 2-14	Italian
1530	White, E. F. Coal Co.	Stotesbury No. 3	Tony Dicarre	10-16-14	Italian
1531	White, E. F. Coal Co.	Stotesbury No. 3	Jesse Cook	4-17-15	American
1532	White, E. F. Coal Co.	Glen White No. 2	Charles Jackson	5-10-15	Negro
1533	Winding Gulf Colliery Co.	No. 1	Tom Gurrant	7- 1-14	Negro
1534	Winding Gulf Colliery Co.	No. 2	E. V. Potter	7-22-14	American
1535	Winding Gulf Colliery Co.	No. 2	Louis Beckett	8- 6-14	Hungarian
1536	Winding Gulf Colliery Co.	No. 2	Bruno Bunch	9- 3-14	Hungarian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
1 Mo.	40	Coal Loader	Fall of roof	Shoulder and left foot injured	I
6 Wks.	23	Coal Loader	Fall of coal	Shoulder dislocated	I
8 Mos.	29	Trapper	Fall of roof	Arm injured	I
2 Yrs.	23	Miner	Fall of roof	Compound fracture of right leg and left leg injured	I
7 Yrs.	28	Coal Loader	Mine car	Hip injured and bladder ruptured	I
2 Yrs.	21	Machine Helper	Sprocket chain	Hand injured	I
10 Yrs.	25	Coal Loader	Mine needle	Arm pit and lung punctured	I
1 Yr.	19	Trip rider	Mine car	Compound fracture of left elbow	I
Sev. Yrs.	71	Miner	Fall of roof	Right leg fractured below knee	I
25 Yrs.	43	Miner	Fall of roof	Two ribs broken and chin cut	I
8 Yrs.	34	Driver	Mine car	Breast and shoulders mashed	I
15 Yrs.	42	Miner	Explosion of monobel	Eyes injured, thumb broken, other injuries	I
25 Yrs.	50	Coal Loader	Mine car	Thigh broken	I
4 Yrs.	43	Miner	Mine car	Rib broken and arm injured	O
12 Yrs.	26	Miner	Premature blast	Eyes injured and face full of coal and two fingers severed	I
20 Yrs.	37	Miner	Explosion of cap	Loss of all fingers of left hand and three on right hand and eyes injured	I
6 Mos.	48	Miner	Premature explosion	Loss of right hand	I
1 Yr.	21	Miner	Fall of roof	Foot mashed	I
6 Mos.	38	Miner	Fall of roof	Right leg broken	I
2 Mos.	24	Miner	Mine car	Arm broken	I
3 Yrs.	54	Miner	Fall of roof	Left leg broken	I
1 Yr.	24	Miner	Fall of roof	Right leg broken	I
4 Yrs.	42	Miner	Fall of roof	Right leg broken	I
10 Yrs.	42	Miner	Fall of roof	Left collar bone broken	I
6 Yrs.	28	Miner	Fall of roof	Spine fractured	I
8 Yrs.	30	Miner	Fall of roof	Back and shoulders injured	I
35 Yrs.	54	Miner	Fall of roof	Thumb mashed	I
10 Yrs.	30	Contractor	Mine car	Dislocated elbow	I
4 Yrs.	18	Brakeman	Mine car	Foot mashed	O
3 Mos.	25	Coal Loader	Explosion of monobel	Breast, leg and eye injured	I
10 Yrs.	35	Coal Loader	Fall of roof	Chest and hips mashed	I
1 Yr.	19	Driver	Mine car	Chest mashed	I
10 Yrs.	29	Miner	Blown through shot	Chin, fingers and legs injured	I
24 Yrs.	42	Miner	Mine car	Leg and foot injured	I
18 Yrs.	33	Miner	Fall of roof	Ankle broken	I
11 Yrs.	31	Miner	Fall of roof	Leg mashed	I
14 Yrs.	29	Electrician	Pulley bursted	Arm mashed and cut	I
5 Yrs.	26	Miner	Fall of coal	Chest mashed	I
10 Yrs.	33	Miner	Fall of roof	Chest mashed	I
20 Yrs.	35	Slateman	Fall of roof	Leg and ankle injured	I
2 Yrs.	37	Miner	Fall of roof	Chest and shoulders injured	I
25 Yrs.	27	Tipple Boss	Electricity	Right hand and leg burned	
25 Yrs.	43	Miner	Fall of roof	Collar bone broken	I
5 Yrs.	25	Miner	Fall of roof	Collar bone broken	I
3 Yrs.	44	Miner	Premature blast	Leg and head injured	I
13 Yrs.	18	Triprider	Mine car	Four fingers mashed and amputated	I
3 Yrs.	21	Trackman	Switch frog	Leg broken	O
Sev. Yrs.	31	Brakeman	Jumped off car	Left arm broken	O
3 Yrs.	20	Electric Loco. Runner	Mine car	Compound fracture of finger, one mashed	I
10 Yrs.	28	Miner	Fall of coal	Right leg broken above ankle	I
2 Mos.	26	Miner	Fall of coal	Leg fractured near ankle	I
10 Yrs.	30	Miner	Fall of roof	Leg fractured near ankle	I
3 Yrs.	19	Trip rider	Mine car and door	Bone in face fractured	I
9 Yrs.	61	Miner	Fall of roof	Chest contused and head injured	I
2 Yrs.	18	Trip rider	Mine car	Both legs fractured near ankle	I
4 Yrs.	20	Miner	Fall of roof	Spine fractured	I
7 Yrs.	47	Miner	Fall of roof	Shoulder fractured and dislocated	I
4 Yrs.	30	Trackman	Electric locomotive and top coal.	Collar bone and hip injured	I
4 Yrs.	35	Miner	Premature blast	Cut and burned about the face	I
4 Yrs.	25	Trackman	Mining machine	Thumb crushed	I
2 Yrs.	17	Trackman	Electric locomotive	Great toe dislocated and right foot fractured	I
5 Yrs.	34	Miner	Hand winch lever	Face and nose injured	I
5 Yrs.	40	Tippleman	Mine car	Leg crushed	O
4 Yrs.	24	Brakeman	Electric locomotive	Chest, shoulders and left hip injured	I
Sev. Yrs.	35	Miner	Premature blast	Left eye injured, sight lost	I
2 Yrs.	18	Brakeman	Electric locomotive	Right forearm mashed and torn	I
2 Yrs.	22	Brakeman	Electric locomotive	Fingers lacerated and bone mashed	I
6 Yrs.	34	Miner	Blown through shot	Right arm burned	I
4 Yrs.	36	Miner	Fell down	Wrist dislocated	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No.	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	RALEIGH COUNTY—Con.				
1537	Winding Gulf Colliery Co	No. 2	Osborne Farley	9-11-14	American
1538	Winding Gulf Colliery Co	No. 1	Henderson Hugley	9-17-14	Negro
1539	Winding Gulf Colliery Co	No. 1	Dave Doroughty	9-30-14	American
1540	Winding Gulf Colliery Co	No. 2	Clarence Smith	10- 6-14	American
1541	Winding Gulf Colliery Co.	No. 1	Luigi Alonzo	11-11-14	Italian
1542	Winding Gulf Colliery Co	No. 1	Oscar Wood	11-12-14	American
1543	Winding Gulf Colliery Co	No. 1	Joe Whitt	11-17-14	American
1544	Winding Gulf Colliery Co	No. 1	Mike Rodervich	12- 4-14	Italian
1545	Winding Gulf Colliery Co	No. 2	Andy Tohack	12- 5-14	Hungarian
1546	Winding Gulf Colliery Co	No. 1	Joe Browning	12- 8-14	American
1547	Winding Gulf Colliery Co	No. 1	Theodore Cole	12-11-14	American
1548	Winding Gulf Colliery Co	No. 1	W. F. Hankla	12-18-14	American
1549	Winding Gulf Colliery Co	No. 1	Alonzo Banner	1-11-15	Negro
1550	Winding Gulf Colliery Co	No. 2	Sandor Nemmet	1-12-15	Hungarian
1551	Winding Gulf Colliery Co	No. 1	Luigi Marino	1-14-15	Italian
1552	Winding Gulf Colliery Co	No. 1	Sam Ostopwich	1-23-16	Hungarian
1553	Winding Gulf Colliery Co	No. 2	Everett Hawley	1-30-15	American
1554	Winding Gulf Colliery Co	No. 1	Sigmond Kocko	2- 9-15	Hungarian
1555	Winding Gulf Colliery Co	No. 2	Ballard Short	2-13-15	American
1556	Winding Gulf Colliery Co	No. 2	Willie Short	3- 6-15	American
1557	Winding Gulf Colliery Co	No. 1	Charles Kedler	3-11-15	Russian
1558	Winding Gulf Colliery Co	No. 1	Robert Snider	3-22-15	Negro
1559	Winding Gulf Colliery Co	No. 1	Henry Polly	3-30-15	Negro
1560	Winding Gulf Colliery Co	No. 2	Everett Holly	4- 1-15	American
1561	Winding Gulf Colliery Co	No. 2	Robert Thompson	4-14-15	American
1562	Winding Gulf Colliery Co	No 2	Tony Polis	4-23-15	Polish
1563	Winding Gulf Colliery Co	No. 2	C. E. Smith	5- 5-15	American
1564	Winding Gulf Colliery Co	No. 1	Barto Petros	5-20-15	Austrian
1566	Winding Gulf Colliery Co	No. 1	Charles McClough	5-27-15	American
	RALEIGH COUNTY—Continued.				
1566	Winding Gulf Colliery Co	No. 1	J. N. Hale	6 9 16	American
1567	Winding Gulf Colliery Co	No. 2	Andy Urban	6 21 16	Hungarian
1568	Winding Gulf Colliery Co	No. 3	William Frail	6 24 15	American
1569	Winding Gulf Colliery Co	No. 1	James Lemon	6 29 15	Italian
1570	Winding Gulf Colliery Co	No. 2	Henry Mann	6 29 16	American
1571	Wright Coal & Coke Co	No. 1	Samuel Gilkerson	6 5 15	American
	RANDOLPH COUNTY				
1572	Davis Coal & Coke Co	No. 1	Andy Esposito	12 16 14	Italian
1573	Davis Coal & Coke Co	No. 1	Nunzo Josso	1 11 15	Italian
1574	Davis Coal & Coke Co	No. 2	Jordon Moore	1 13 15	American
1575	Davis Coal & Coke Co	No. 2	John Corley	1 18 15	American
1576	Davis Coal & Coke Co	No. 1	A. W. Mallow	1 25 15	American
1577	Davis Colliery Co	Harding	Tony Waicy	11 18 14	Polish
1578	Davis Colliery Co	Harding No. 3	Rock Garvaaise	4 29 15	Italian
	TAYLOR COUNTY				
1579	Pittsvein Coal Co	No. 4	John Dublin	10 13 14	Austrian
1580	Pittsvein Coal Co	No. 4	Homer Marple	12 14 14	American
1581	Pittsvein Coal Co	No. 4	Dorsey Marple	5 26 15	American
1582	Pittsvein Coal Co	No. 4	Daily Marple	6 1 15	American
1583	Rosemont Coal Co	Rosemont	I. B. Carpenter	7 29 14	American
1584	Rosemont Coal Co	Rosemont	John Kowach	8 25 14	Slavish
1585	Rosemont Coal Co	Rosemont	Steve Valencik	10 17 14	Hungarian
1586	Rosemont Coal Co	Rosemont	Pete Formie	10 27 14	Russian
1587	Rosemont Coal Co	Rosemont	Alex Segether	11 25 14	Slavish
1588	Rosemont Coal Co	Rosemont	John Prebush	11 25 14	Slavish
1589	Rosemont Coal Co	Rosemont	Stanley Malos	3 18 15	Slavish
1590	Rosemont Coal Co	Rosemont	Charley Celida	3 20 15	Hungairan
1591	Rosemont Coal Co	Rosemont	Jos. Bradock	6 12 15	American
1592	Maryland Coal Co. of West Virginia	No. 4	Aron Rotz	7 11 14	Hungarian
1593	Maryland Coal Co. of West Virginia	No. 4	Louie Mucklow	8 25 14	Roumanian
1594	Maryland Coal Co. of West Virginia	No. 2	Tony Alloy	8 30 14	Italian
1595	Maryland Coal Co. of West Virginia	No. 2	Joe Negy	9 8 14	Hungarian
1596	Maryland Coal Co. of West Virginia	No. 2	Michael Mulvey	9 24 14	American
1597	Maryland Coal Co. of West Virginia	No. 4	Jacob Clarkmer	9 25 14	Slavish
1598	Maryland Coal Co. of West Virginia	No. 2	Joe Kurnorie	0 28 14	Austrain
1599	Maryland Coal Co. of West Virginia	No. 2	Matt Conkorse	10 3 14	Slavish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
1 Yr.	19	Brakeman	Mine car and post	Contused wound of hip	I
3 Yrs.	30	Mach. Runner	Mining machine	Fingers lacerated	I
2 Yrs.	22	Miner	Fall of roof	Ankle, thigh and back injured	I
5 Mos.	14	Slate picker	Coal from railroad cars	Fingers dilsocated on left hand	O
4 Yrs.	36	Miner	Premature explosion	Hand, arm and face injured	I
18 Mos.	20	Brakeman	Mine car	Left leg seriously injured	I
2 Yrs.	19	Trackman	Electric locomotive and coal	Left arm broken, chest and hips mashed	I
2 Yrs.	22	Slateman	Fall of roof	Back injured	I
4 Yrs.	30	Miner	Fall of coal	Lacerated wound of temple and ear	I
3 Yrs.	22	Miner	Fall of coal	Left leg injured, right leg paralysed and shoulder injured	I
2 Yrs.	16	Brakeman	Fall of coal	Hips, right leg and lower abdomen injured	I
10 Yrs.	52	Car repairer	Hatchet	Lacerated wound of thumb	O
3 Yrs.	21	Brakeman	Mine car	Lacerated wound of right hand	I
7 Yrs.	45	Miner	Mine car	Contused wound of left side	I
5 Yrs.	44	Miner	Mine car	Fracture of rib	I
4 Yrs.	27	Miner	Fall of roof	Fracture of femur	I
3 Yrs.	19	Cager	Mine car	End of one finger severed	I
4 Yrs.	38	Miner	Fall of roof	Spinal muscles, neck and base of skull injured	I
3 Yrs.	22	Driver	Mine car	Lip and fingers injured, tooth knocked out	I
2 Yrs.	20	Brakeman	Electric Locomotive	Two fingers lacerated	I
2 Yrs.	22	Miner	Explosion of cartridge	Hands, arms and face burned	I
7 Yrs.	35	Brakeman	Mine car	Fingers lacerated	I
6 Yrs.	35	Brakeman	Mine car	Leg above and below knee injured	I
3 Yrs.	19	Brakeman	Mine car	Lacerated left foot	I
4 Yrs.	25	Miner	Fall of roof	Leg and thigh injured	I
2 Yrs.	39	Miner	Premature blast	Back and lung injured, three ribs fractured	I
2 Yrs.	20	Tippleman	Fell off tipple	Shoulder and wrist injured	O
3 Yrs.	41	Miner	Fall of coal	Left shoulder and knee lacerated	I
2 Yrs.	20	Brakeman	Electric locomotive and coal	Hips and thigh mashed	I
3 Yrs.	37	Machine Helper	Machine cable	Greenstick fractured, 3d and 4th meticarpal bones, knuckles injured	O
4 Yrs.	35	Miner	Fall of roof	Contused wound of right foot	I
2 Yrs.	26	Hoisting Engineer	Car haul chain	Fractured meticarpal bones and three toes	I
4 Yrs.	21	Miner	Premature blast	Both hands and face burned	I
2 Yrs.	27	Brakeman	Fall of roof	Left hand badly lacerated	I
15 Yrs.	38	Miner	Mine car	Chest and shoulder injured and two ribs broken	I
14 Mos.	22	Miner	Fall of roof	Head, face and back injured	I
6 Mos.	18	Laborer	Fall of roof	Head and back injured	I
6 Yrs.	20	Laborer	Mine car	Arm broken, head cut and side brused	I
16 Yrs.	32	Miner	Fall of roof	Hip, and side bruised and ankle broken	I
12 Yrs.	44	Miner	Fall of roof	Arm broken and various bruises	I
8 Yrs.	37	Mach. Runner.	Mining machine	Compound fracture of right leg	I
10 Yrs.	31	Miner	Fall of roof	Left leg broken below knee	I
Sev Yrs.	32	Miner	Fall of roof	Shoulder, breast and legs fractured	I
3 Yrs.	26	Tippleman	Mine car	Hip socket severely injured	O
4 Yrs.	18	Driver	Mine car	Hips crushed	I
14 Yrs.	30	Machine Helper	Machine truck	Foot seriously crushed	I
16 Yrs.	32	Driver	Mine car	Shoulder blade and one rib broken and other injuries	I
6 Yrs.	38	Miner	Fall of coal	Collar bone dislocated, internal injuries	I
20 Yrs.	43	Miner	Fall of coal	Foot mashed and bone broken	I
4 Yrs.	30	Miner	Fall of coal	Legs injured	I
22 Yrs.	49	Miner	Fall of coal	Hands mashed and bone broken	I
....	38	Miner	Flying coal from shot	Left leg badly injured	I
6 Yrs.	29	Miner	Fall of coal	Right arm badly injured	I
3 Yrs.	45	Miner	Fall of roof	Right foot seriously injured	I
35 Yrs.	43	Miner	Fall of coal	Leftleg broken near ankle	I
6 Mos.	49	Miner	Fall of roof	Leg and foot injured	I
3 Yrs.	21	Machine man	Mining machine	Index finger mashed and amputated	I
3 Mos.	23	Driver	Mine car	Mashed through chest	I
1 Yr.	39	Coal Loader	Fall of coal	Face, shoulder, back and knee injured	I
25 Yrs.	59	Trackman	Iron bolt	Eye injured causing loss of sight	I
2 Wks.	36	Coal Loader	Fall of roof	Foot mashed and lacertaed	I
18 Mos.	22	Coal Loader	Fall of coal	Left ankle injured	I
4 Yrs.	23	Coal Loader	Fall of slate	Leg broken near ankle, back squeezed	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

No	NAME OF COMPANY	NAME OF MINE	Name of Person Injured	Date of Accident	Nationality
	TAYLOR COUNTY—Con.				
1600	Maryland Coal Co. of West Virginia	No. 1	Joe Cracka	11 1 14	Roumanian
1601	Maryland Coal Co. of West Virginia	No. 4	Andy Dneco	6 1 15	Slavish
1602	McGraw Coal Co	No. 1	C. E. Cain	8-21-14	American
1603	McGraw Coal Co	No. 1	Sam Olivio	5-11-15	Italian
1604	Winona Coal & Coke Co	Winona	Jesse Russell	8- 3-14	American
1605	Winona Coal & Coke Co	Winona	Carl Washcheck	5-18-15	Slavish
	TUCKER COUNTY				
1606	Davis Coal & Coke Co	No. 40	Arthur Edwards	8-28-14	Negro
1607	Davis Coal & Coke Co	No. 39	Ramon Bukond	8-31-14	Spanish
1608	Davis Coal & Coke Co	No. 40	Thomas W. Head	9- 8-14	American
1609	Davis Coal & Coke Co	No. 40	Walter Phillips	1-16-15	American
1610	Davis Coal & Coke Co	No. 43	Geo Lansberry	2- 3-15	American
1611	Davis Coal & Coke Co	No. 40	Wasco Seminick	2- 4-15	Slavish
1612	Davis Coal & Coke Co	No. 39	Peter Tognoccy	2-11-15	Italian
1613	Davis Coal & Coke Co	No. 23	John H. Stemple	5-14-15	American
1614	Davis Coal & Coke Co	No. 40	Guiseppe Boduro	5-15-15	Italian
1615	Davis Coal & Coke Co	No. 39	Tony Morgo	5-18-15	Italian
1616	Davis Coal & Coke Co	No. 43	Newton Lloyd	5-26-15	American
1617	Davis Coal & Coke Co	No. 35	John Perony	6- 9-15	Italian
1618	Davis Coal & Coke Co	No. 38	Mike Yanich	6-10-15	Austrian
1619	Davis Coal & Coke Co	No. 23	Charles Zubach	6-17-15	Litvitch
1620	Davis Coal & Coke Co	No. 34	Andy Katran	6-19-15	Austrian
1621	Davis Coal & Coke Co	No. 43	Mike Rockowich	6-22-15	Austrian
1622	Davis Coal & Coke Co	No. 23	James McFadden	6-26-15	American
1623	Davis Coal & Coke Co	No. 39	Ed. Reed	6-26-15	Italian
1624	Davis Coal & Coke Co	No. 41	Mike White	6-26-15	Italian
1625	Davis Coal & Coke Co	No. 37	John Urbanawicz	6-29-15	Lithuanian
	WAYNE COUNTY				
1626	East Lynn Coal Co	East Lynn	John Let	3- 2-15	American
	WYOMING COUNTY				
1627	Wyoming Coal Co	No. 2	Doliver Cook	12-14-14	American
1628	Wyoming Coal Co	No. 2	Phillip Lambert	12-14-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1916.

Experience	Age	Occupation	Nature of Accident	Injury Sustained	Inside or Outside
6 Yrs.	42	Coal Loader	Fall of slate	Left ankle dislocated	I
4 Yrs.	30	Miner	Fall of coal	Right foot and head injured	I
10 Yrs.	34	Coal Loader	Mine car and post	Hand crushed	I
14 Yrs.	52	Coal Loader	Mine car and post	Finger badly crushed	I
10 Yrs.	23	Electric Loco. Runner	Mine car	Collar bone broken and arm lacerated	I
3 Yrs.	32	Mach. Runner	Fall of roof	Face and head injured	I
6 Yrs.	27	Driver	Mine car	Two ribs fractured	I
3 Yrs.	22	Miner	Premature blast	Lacerated wounds of right hand	I
2 Yrs.	39	Carpenter	Mine car	Right leg broken near ankle and left leg broken near thigh	I
20 Yrs.	33	Brakeman	Mine car	Two fingers fractured	I
5 Yrs.	30	Rope rider	Mine car	Chest crushed and four ribs injured	I
12 Yrs.	33	Miner	Mine car and roof	Fingers of both hands lacerated and one amputated	I
14 Mos.	38	Miner	Premature blast	Eyes injured, one probably destroyed and face cut	I
28 Yrs.	60	Miner	Fall of roof	Hip broken	I
3 Yrs.	38	Miner	Mine car	Ankle fractured and toe broken	I
3 Yrs.	20	Miner	Premature blast	Side, face, neck and shoulders lacerated	I
27 Yrs.	52	Laborer	Mine car	Cheek, forehead injured, elbow fractured	O
9 Yrs.	35	Brakeman	Mine car	Arm badly injured and skull fractured	I
3 Yrs.	25	Miner	Fall of coal	Leg broken	I
13 Yrs.	48	Miner	Fall of roof	Leg injured	I
2 Yrs.	24	Miner	Mine car and roof	Left arm broken	I
4 Yrs.	19	Brakeman	Mine car	Right hand crushed	I
8 Yrs.	23	Miner	Premature blast	Face and arm burned	I
3 Yrs.	18	Driver	Mine car and post	End of finger severed	I
7 Yrs.	19	Driver	Mine car	Both legs injured	I
7 Yrs.	48	Miner	Explosion of cap	One eye lacerated and one injured	I
5 Yrs.	....	Coal Loader	Fall of roof	Chest injured	I
....	24	Laborer	Explosion of cartridge	Fac, back, hands and chin burned	I
6 Days.	28	Miner	Explosion of cartridge	Face, neck,hands and chin burned	I

NON-FATAL ACCIDENTS BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915, SHOWING CAUSE OF ACCIDENTS.

COUNTY	INSIDE								OUTSIDE									
	Roof and Coal	Mine Cars	Mining Machines	Locomotives	Explosives	Miscellaneous	Electricity 250 V	Electricity 500 V	Railroad Cars	Mine cars	Tipple	Locomotives	Monitor	Miscellaneous	Electricity 500 V	Total Inside	Total Outside	Grand Total
Barbour	10	6	....	2	3	3	....	....	1	....	....	....	....	3	....	24	4	28
Boone	....	2	....	....	1	....	....	....	1	....	....	....	....	....	....	3	1	4
Brooke	7	1	2	....	....	....	....	....	....	1	1	....	....	1	....	10	3	13
Clay	1	1	1	....	....	....	....	....	....	1	....	....	....	....	....	3	1	4
Fayette	176	78	10	6	20	30	....	2	2	9	1	....	2	9	....	322	23	345
Grant	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	2	....	2
Harrison	22	21	2	1	6	6	....	....	1	....	....	....	....	5	....	58	6	64
Kanawha	59	34	10	3	11	9	....	....	2	7	....	....	....	6	....	126	15	141
Logan	30	21	3	3	6	2	4	....	1	1	1	....	....	5	....	69	8	77
Marion	54	63	13	8	3	23	....	....	2	2	2	....	....	9	....	164	15	179
Marshall	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	3
Mason	3	1	....	....	....	1	....	....	....	....	....	....	....	....	....	5	....	5
McDowell	183	88	8	15	13	11	....	....	6	3	3	1	....	14	....	318	27	345
Mercer	39	19	3	3	3	1	....	....	1	5	....	1	....	6	....	68	13	81
Mineral	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	3
Mingo	13	12	3	1	2	....	....	....	....	4	....	1	....	2	....	31	7	38
Monongalia	1	3	1	1	....	2	....	....	....	1	1	....	....	2	....	8	4	12
Nicholas	....	2	....	....	3	....	....	....	....	....	....	....	....	....	....	5	....	5
Ohio	1	2	2	....	....	....	....	....	....	....	....	....	....	....	....	5	....	5
Preston	7	7	2	1	1	2	....	....	....	2	....	....	....	2	....	20	4	24
Putnam	7	2	....	....	2	....	....	....	....	....	....	....	....	....	....	11	....	11
Raleigh	78	49	5	11	16	8	....	....	1	2	2	....	....	9	1	167	15	182
Randolph	5	1	1	....	....	....	....	....	....	....	....	....	....	....	....	7	....	7
Taylor	16	7	2	1	....	1	....	....	....	....	....	....	....	....	....	27	....	27
Tucker	3	10	....	....	5	....	....	....	....	2	....	....	....	....	....	18	2	20
Wayne	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Wyoming	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	....	2
Totals	720	432	69	56	97	100	4	2	18	40	11	3	2	73	1	1,480	148	1,628

TABLE SHOWING NUMBER OF NON-FATAL ACCIDENTS BY COUNTY AND COMPANIES INSIDE AND OUTSIDE FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
BARBOUR			
Century Coal Co., The	14	1	15
Boat Run Coal Co	1	....	1
Davis Coal & Coke Co	9	3	12
Totals	24	4	28
BOONE			
Big Eagle Mining Co	1	....	1
Seng Creek Coal Co	....	1	1
Spruce River Coal Co., The	2	....	2
Totals	3	1	4
BKOOKE			
Clifton Coal Co	4	....	4
Richland Block Coal Co	....	1	1
West Virginia-Pittsburg Coal Co	6	2	8
Totals	10	3	13
CLAY			
Elk River Coal & Lumber Co	3	1	4
Totals	3	1	4
FAYETTE			
Aileen Coal Co	1	....	1
Babcock Coal & Coke Co	1	....	1
Ballinger Coal Co	2	1	3
Beury Brothers Coal & Coke Co	2	....	2
Big Bend Coal Co	3	....	3
Boomer Coal & Coke Co	39	5	44
Blume Coal Co	1	....	1
Branch Coal & Coke Co	1	....	1
Brown Coal Co	1	3	4
Cannelton Coal & Coke Co	9	....	9
Christian Colliery Co	3	....	3
Collins Colliery Co	2	....	2
Columbus Iron & Steel Co., The	4	....	4
Dunloop Coal & Coke Co	2	....	2
Elmo Mining Co., The	1	....	1
Ephraim Creek Coal & Coke Co	3	....	3
Eureka Coal Co	1	....	1
Export Coal Co	4	1	5
Gauley Mountain Coal Co., The	1	....	1
Great Kanawha Colliery Co	1	....	1
Hemlock Hollow Coal & Coke Co	1	....	1
Holliday Coal Co	1	....	1
Laura Mining Co	1	....	1
Lookout Coal Co	3	....	3
Loup Creek Colliery Co	19	....	19
M. B. Coal Co	3	2	5
McKell Coal & Coke Co	13	1	14
Michigan Coal Co	1	....	1
Milburn Coal Co	5	....	5
Mount Carbon Company Ltd., The	1	....	1
Mount Hope Coal & Coke Co	1	....	1
New River Collieries Co	12	....	12
New River & Pocahontas Consolidated Coal Co	86	1	87
Nichol Colliery Co	2	....	2
Quinnimont Coal Co	8	....	8
River Valley Colliery Co	1	....	1
Scotia Coal & Coke Co	4	....	4
Solvay Collieries Co	25	6	31
Stone Cliff Coal & Coke Co	2	....	2
Stuart Colliery Co	4	....	4
Sewell Colliery Co	2	....	2
South Side Co	1	....	1
Sugar Creek Coal & Coke Co	1	....	1
Sunday Creek Co	13	....	13
Sunday Creek Coal Co	5	....	5
Turkey Knob Coal Co	11	....	11
White Oak Fuel Co	15	2	17
Totals	323	22	345

TABLE SHOWING NUMBER OF NON-FATAL ACCIDENTS BY COUNTY AND COMPANIES INSIDE AND OUTSIDE FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
GRANT			
Buffalo Creek Cumberland Coal Co.	1	....	1
Davis Coal & Coke Co.	1	....	1
Totals	2	....	2
HARRISON			
Antler Coal Co.	1	....	1
Calif Coal Co.	2	....	2
Central Fairmont Coal Co.	2	....	2
Clarksburg Coal Mining Co.	1	....	1
Consolidation Coal Co., The.	24	2	26
Fairmont & Baltimore Coal & Coke Co.	2	....	2
Francois Coal Co.	1	....	1
Hero Coal Co.	1	....	1
Hutchinson Coal Co.	12	4	16
Harry B. Coal & Coke Co.	2	....	2
Lambert Run Coal Co.	2	1	3
Maderia-Hill Clark Coal Co.	1	....	1
Rosebud Coal Co.	2	....	2
Virginia-Maryland Coal Corporation	3	....	3
Vincent Coal Co.	1	....	1
Totals	57	7	64
KANAWHA			
Cumberland Coal Co.	1	....	1
Black Band Fuel Co.	1	....	1
Blue Creek Coal & Land Co.	3	....	3
Cabin Creek Consolidated Coal Co.	60	5	65
Campbells Creek Coal Co., The.	1	....	1
Cannelton Coal & Coke Co.	5	....	5
Coalburg Kanawha Coal Co., The.	3	....	3
Dry Branch Coal Co.	1	....	1
Eureka Coal Co.	3	....	3
Imperial Colliery Co.	3	2	5
Kelleys Creek Colliery Co.	1	....	1
Lewis Coal & Coke Co.	2	....	2
Mill Creek Cannel Mining Co.	1	....	1
Morris Fork Coal Co.	3	....	3
Olcott Coal & Iron Co., The.	10	....	10
Paint Creek Collieries Co.	5	2	7
Standard Kanawha Coal Mining Co.	1	....	1
Standard Splint & Gas Coal Co.	1	....	1
Standard Splint Fuel Co.	1	....	1
Sunday Creek Co.	12	2	14
Sunday Creek Coal Co.	4	1	5
Virginia Coal Co	2	1	3
Winifrede Coal Co.	3	....	3
Wyatt Coal Co.	....	1	1
Totals	127	14	141
LOGAN			
Amherst Coal Co.	1	....	1
Aracoma Coal Co.	1	....	1
Coal Valley Mining Co., The.	4	1	5
Draper Coal Co.	2	....	2
Ethel Coal Co., The.	1	....	1
Gay Coal Co., The.	2	....	2
Island Creek Colliery Co.	1	....	1
Kohinoor Coal & Coke Co.	4	....	4
Logan Mining Co.	19	2	21
Logan Coal Co.	2	1	3
Manbor Coal Co.	1	....	1
Main Island Creek Coal Co.	7	1	8
McGregor Coal Co.	1	....	1
Mifflin Coal Co.	1	....	1
Monitor Coal & Coke Co.	7	3	10
Rich Creek Coal Co.	1	....	1
Spruce Bend Coal Co.	2	....	2
Spruce Valley Coal Co.	1	....	1
Stone Branch Coal Co.	2	....	2
Thomas, D. C. Coal Co.	1	....	1
U. S. Coal & Oil Co.	2	....	2
Wilson, H. T. Coal Co.	6	....	6
Totals	69	8	77

TABLE SHOWING NUMBER OF NON-FATAL ACCIDENTS BY COUNTY AND COMPANIES INSIDE AND OUTSIDE FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
MARION			
Buttermore, J. J. Coal Co	1	....	1
Consolidation Coal Co., The	42	1	43
Fairmont & Cleveland Coal Co	4	1	5
Federal Coal Co	26	3	29
Four States Coal & Coke Co	25	1	26
Harry B. Coal Co	1	....	1
Jamison Coal & Coke Co	55	7	62
New Central Coal Co	8	....	8
Virginia-Pittsburg Coal & Coke Co	4	....	4
Totals	166	13	179
MARSHALL			
Ben Franklin Coal Co	1	....	1
Wheeling Steel & Iron Co	2	....	2
Totals	3	....	3
MASON			
Hutchinson Coal Co	5	....	5
Totals	5	....	5
McDOWELL			
Algoma Coal & Coke Co., The	10	....	10
Ashland Coal & Coke Co	6	1	7
Black Wolf Coal & Coke Co	2	....	2
Bottom Creek Coal & Coke Co	5	....	5
Buchanan Coal Co	1	....	1
Carter Coal Co	22	2	24
Central Pocahontas Coal Co	1	....	1
Cirrus Coal & Coke Co	2	....	2
Crozer Coal & Coke Co	11	2	13
Elkhorn Coal & Coke Co	13	....	13
Elk Ridge Coal & Coke Co	4	....	4
Empire Coal & Coke Co., The	11	1	12
Eureka Coal & Coke Co	2	....	2
Gilliam Coal & Coke Co	1	....	1
Henrietta Coal Co	1	....	1
Houston Coal & Coke Co	3	....	3
Houston Collieries Co	15	2	71
J. B. B. Coal Co	9	....	9
Keystone Coal & Coke Co	10	2	12
King Coal Co	25	....	25
Kimball Pocahontas Coal Co	2	....	2
Lake Superior Coal Co	9	....	9
Lone Jack Mining Co	1	....	1
Lynchburg Coal & Coke Co	1	....	1
Mohawk Coal & Coke Co	3	1	4
McDowell Coal & Coke Co	1	....	1
New Pocahontas Coal Co	3	2	5
New River & Pocahontas Consolidated Coal Co	3	....	3
Oregon Coal Co	1	....	1
Page Coal & Coke Co	6	2	8
Peerless Coal & Coke Co	11	....	11
Pocahontas Consolidated Collieries Co., The	66	4	70
Pocahontas Domestic Coal Co	2	....	2
Powhatan Coal & Coke Co	7	....	7
Pulask Iron Co	4	1	5
Solvay Collieries Co	2	1	3
Standard Pocahontas Coal Co	1	....	1
Superior Pocahontas Coal Co	12	2	14
Tidewater Coal & Coke Co., The	13	....	13
United States Coal & Coke Co	3	....	3
Upland Coal & Coke Co	2	1	3
Warrior Coal Co	....	2	2
Welch Coal & Coke Co	2	....	2
West Virginia-Pocahontas Coal Co	9	....	9
Yukon Pocahontas Coal Co	....	1	1
Totals	318	27	345

TABLE SHOWING NUMBER OF NON-FATAL ACCIDENTS BY COUNTY AND COMPANIES INSIDE AND OUTSIDE FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
MERCER			
Algonquin Coal Co.	3	1	4
Booth-Bowen Coal & Coke Co.	9	1	10
Buckeye Coal & Coke Co.	9	1	10
Crystal Coal & Coke Co.	5	1	6
Ennis Coal Co.	8	2	10
Louisville Coal & Coke Co.	5		5
Mill Creek Coal & Coke Co.	3	1	4
Modoc Coal Mining Co.	3	2	5
Pawama Coal & Coke Co.	3		3
Pocahontas Consolidated Collieries Co., Inc.	17	2	19
Smokeless Coal & Coke Co., The		1	1
Solvay Collieries Co.	3		3
Turkey Gap Coal & Coke Co.	1		1
Totals	69	12	81
MINERAL			
Abrams Creek Coal Co., The	1		1
Big Vein Coal Co.	1		1
Davis Coal & Coke Co.	1		1
Totals	3		3
MINGO			
Crystal Block Coal Co.	1	2	3
Glen Alum Coal Co.	5	1	6
Howard Jr. Coal Co.	4	2	6
Howard Colliery Co.	4	2	6
Sycamore Coal Co.	7		7
Thacker Coal & Coke Co.	1		1
War Eagle Coal Co.	1		1
Williamson Coal & Coke Co.	7	1	8
Totals	30	8	38
MONONGALIA			
Antler Coal Co.	2		2
Elkins Coal & Coke Co.	4	4	8
Great Scott Coal Co.		1	1
North American Coal Co.	1		1
Totals	7	5	12
NICHOLAS			
Saxman Coal & Coke Co., The	4	1	5
Totals	4	1	5
OHIO			
Elm Grove Coal Co., The	3		3
Richland Coal Co.	2		2
Totals	5		5
PRESTON			
Borgman Coal Co.		1	1
Elkins Coal & Coke Co.	5	3	8
Hiorra Coke Co.	3		3
Irona Coal Co.	1		1
Kendall Lumber Co.	1		1
Merchants Coal Co.	1		1
Preston Fuel Co.	2		2
Somerset Smokeless Coal Co.	4		4
Virginia Maryland Coal Corporation	3		3
Totals	20	4	24
PUTNAM			
Black Betsey Coal & Mining Co.	2		2
Otto Marmet Coal Mining Co. The		1	1
Plymouth Coal & Mining Co.	8		8
Totals	10	1	11

TABLE SHOWING NUMBER OF NON-FATAL ACCIDENTS BY COUNTY AND COMPANIES INSIDE AND OUTSIDE FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
RALEIGH			
Bailey Wood Coal Co	....	1	1
Beckley Coal & Coke Co	1	....	1
City Coal Co	1	....	1
Clearfork Coal Co	2	....	2
Cranberry Fuel Co	7	....	7
Four State Coal & Coke Co	6	1	7
Gulf Coal Co	4	....	4
Lilly Mining Co	3	....	3
Lynwin Coal Co	1	....	1
Mabscott Coal & Coke Co	4	....	4
Marsh Fork Coal Co	1	2	3
MacAlpin Coal Co	15	....	15
McKell Coal & Coke Co	16	1	17
New River Collieries Co	7	1	8
Pemberton Coal & Coke Co	11	....	11
Piney Mining Co	8	1	9
Raleigh Coal & Coke Co	9	....	9
Royal Coal Co	2	....	2
Slab Fork Coal Co	16	2	18
Stonewall Coal & Coke Co	1	....	1
Sullivan Coal & Coke Co	8	2	10
West Virginia Coal Mining Co., The	1	....	1
White, E. E. Coal Co	7	1	8
Winding Gulf Colliery Co	34	4	38
Wright Coal & Coke Co	1	....	1
Totals	166	16	182
RANDOLPH			
Davis Coal & Coke Co	5	....	5
Davis Colliery Co	2	....	2
Totals	7	....	7
TAYLOR			
Pittsvein Coal Co	3	1	4
Rosemont Coal Co	9	....	9
Maryland Coal Company of West Virginia	10	....	10
McGraw Coal Co	2	....	2
Winona Coal & Coke Co	2	....	2
Totals	26	1	27
TUCKER			
Davis Coal & Coke Co	18	2	20
Totals	18	2	20
WAYNE			
East Lynn Coal Co	1	....	1
Totals	1	....	1
WYOMING			
Wyoming Coal Co	2	....	2
Totals	2	....	2

NON-FATAL ACCIDENTS BY COUNTIES FOR THE YEAR ENDING JUNE 30, 1915

COUNTY	Inside	Outside	ls
Barbour	24	4	28
Boone	3	1	4
Brooke	10	3	13
Clay	3	1	4
Fayette	324	22	346
Grant	2	....	2
Harrison	58	7	65
Kanawha	126	15	141
Logan	69	8	77
Marion	166	13	179
Marshall	3	....	3
Mason	5	....	5
McDowell	317	28	345
Mercer	69	12	81
Mineral	3	....	3
Mingo	30	8	38
Monongalia	6	5	11
Nicholas	4	1	5
Ohio	5	....	5
Preston	20	4	24
Putnam	10	1	11
Raleigh	165	16	181
Randolph	7	....	7
Taylor	26	1	27
Tucker	18	2	20
Wayne	1	....	1
Wyoming	2	....	2
Totals	1,476	152	1,628

MINOR ACCIDENTS, BY ALPHABETICALLY ARRANGED COUNTIES AND COMPANIES, FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Totals
BARBOUR			
Boat Run Coal Co	1	1	2
Century Coal Co., The	14	....	14
Davis Coal & Coke Co	20	....	20
Gage Coal & Coke Co	1	....	1
Lillian Mining Co	1	....	1
Tygarts River Coal Co	1	1	2
Totals	38	2	40
BOONE			
Seng Creek Coal Co	2	....	2
Totals	2	....	2
BROOKE			
Clifton Coal Co.	3	....	3
Richland Block Coal Co	1	....	1
West Virginia-Pittsburg Coal Co	3	4	7
Totals	7	4	11
CLAY			
Elk R ver Coal & Lumber Co	2	....	2
Totlas	2	....	2
FAYETTE			
Ballinger Coal Co	3	1	4
Boomer Coal & Coke Co	33	4	37
Cannelton Coal & Coke Co	2	....	2
Christian Colliery Co	1	....	1
Collins Colliery Co	1	....	1
Columbus Iron & Steel Co	5	....	5
Ephriam Creek Coal & Coke Co	3	....	3
Export Coal Co.	3	....	3
Evans & Sons Coal Co	1	....	1
Fire Creek Coal & Coke Co	1	....	1
Ft. Defiance Coal & Coke Co	1	....	1
Greenwood Coal Co	1	....	1
Holliday Coal Co	2	....	2
Loup Creek Colliery Co	15	4	19
M. B. Coal & Coke Co	11	1	12
Meadow Fork Coal Co	1	....	1
McKell Coal & Coke Co	2	....	2
Michigan Coal Co	1	....	1
New River Collieries Co	81	8	89
New River & Pocahontas Consolidated Coal Co	195	33	228
Nichol Colliery Co	5	....	5
Quinnimont Coal Co	3	1	4
Scotia Coal & Coke Co	1	1	2
Sunday Creek Co	17	1	18
Sunday Creek Coal Co	3	1	4
Solvay Collieries Co	14	3	17
South Side Co	1	....	1
Stone Cliff Coal & Coke Co	1	....	1
Stuart Colliery Co	2	....	2
Turkey Knob Coal Co	11	....	11
White Oak Fuel Co	23	2	25
Totals	444	60	503
GRANT			1
Buffalo Creek Cumberland Coal Co	1	....	
Totals	1	....	1

MINOR ACCIDENTS, BY ALPHABETICALLY ARRANGED COUNTIES AND COMPANIES, FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
HARRISON			
Clarksburg Coal Mining Co.	1	1	2
Consolidation Coal Co., The	3	....	3
Fairmont & Baltimore Coal & Coke Co.	2	....	2
Francois Coal & Coke Co.	1	1	2
Hero Coal & Coke Co.	1	....	1
Hutchinson Coal Co.	44	7	51
Lambert Run Coal Co.	8	....	8
Maderia-Hill Clark Coal Co.	7	....	7
Vincent Coal Co.	3	....	3
Virginia-Maryland Coal Corporation	....	2	2
Totals	70	11	81
KANAWHA			
Black Band Fuel Co.	2	....	2
Blue Creek Coal & Land Co.	6	....	8
Cabin Creek Consolidated Coal Co.	71	13	84
Cannelton Coal & Coke Co.	3	1	4
Coalburg-Kanawha Coal Co.	1	....	1
Imperial Colliery Co.	2	1	3
Lewis Coal & Coke Co.	3	....	3
Morris Fork Coal Co.	2	....	2
Olcott Coal & Iron Co.	1	....	1
Paint Creek Collieries Co.	2	....	2
Standard-Kanawha Coal Mining Co.	1	....	1
Standard Splint & Gas Coal Co.	1	1	2
Sunday Creek Co.	6	5	11
Sunday Creek Coal Co.	....	1	1
Virginia Coal Co.	1	1	2
Wyatt Coal Co.	....	2	2
Totals	102	27	129
LOGAN			
Bengal Coal Co.	1	....	1
Coal Valley Mining Co.	3	....	3
Ethel Coal Co., The	1	....	1
Gay Coal & Coke Co., The	1	....	1
Island Creek Colliery Co.	1	....	1
Logan Mining Co.	46	6	52
Main Island Creek Coal Co.	2	....	2
Monitor Coal & Coke Co.	3	3	6
Spruce Valley Coal Co.	1	....	1
Thomas, D. C. Coal Co.	4	1	5
Wilson, H. T. Coal Co.	2	....	2
Totals	65	10	75
MARION			
Consolidation Coal Co., The	2	1	3
Fairmont & Cleveland Coal Co.	1	....	1
Federal Coal & Coke Co.	8	....	8
Four States Coal & Coke Co.	13	1	14
Jamison Coal & Coke Co.	41	11	52
Totals	65	13	78
MARSHALL			
Wheeling Steel & Iron Co.	6	....	6
Totals	6	....	6

MINOR ACCIDENTS, BY ALPHABETICALLY ARRANGED COUNTIES AND COMPANIES, FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
McDOWELL			
Algoma Coal & Coke Co	10	1	11
Ashland Coal & Coke Co	2	1	3
Black Wolf Coal & Coke Co	1	....	1
Carter Coal Co	8	1	9
Central Pocahontas Coal Co	1	1	2
Crozer Coal & Coke Co	2	1	3
Davy Pocahontas Coal Co	2	....	2
Elkhorn Coal & Coke Co	8	1	9
Empire Coal & Coke Co., The	16	3	19
Fortune Hunter Coal & Coke Co	1	....	1
Houston Collieries Co	6	....	6
Houston Coal & Coke Co	5	....	5
J. B. B. Coal Co	....	1	1
Keystone Coal & Coke Co	5	....	15
Kimball-Pocahontas Coal Co	3	....	13
King Coal Co	6	1	7
Lake Superior Coal Co	11	7	18
Lone Jack Mining Co	1	....	1
Mill Creek Coal & Coke Co	1	....	1
Mohawk Coal & Coke Co	2	2	4
New River Pocahontas Consolidated Coal Co	4	2	6
Oregon Coal Co	1	....	1
Page Coal & Coke Co	1	2	3
Peerless Coal & Coke Co	3	....	3
Pocahontas Consolidated Collieries Co	43	8	51
Pocahontas Domestic Coal Co	2	....	2
Powhatan Coal & Coke Co	1	....	1
Solvay Collieries Co	2	....	2
Superior Pocahontas Coal Co	2	1	3
Tidewater Coal & Coke Co	2	....	2
West Virginia Pocahontas Coal Co	2	....	2
Totals	154	33	187
MERCER			
Algonquin Coal Co	....	1	1
ooth-Bowen Coal & Coke Co	1	....	1
Buckeye Coal & Coke Co	2	....	2
Crystal Coal & Coke Co	1	1	2
Ennis Coal Co	6	1	7
Modoc Coal & Mining Co	....	1	1
Pawama Coal & Coke Co	2	....	2
Pocahontas Consolidated Collieries Co	25	9	34
Smokeless Coal & Coke Co., The	2	....	2
Totals	39	13	52
MINGO			
Howard Jr. Coal & Coke Co	2	....	2
Howard Colliery Co	3	2	5
Williamson Coal & Coke Co	2	1	3
Totals	7	3	10
MONONGALIA			
Elkins Coal & Coke Co	5	....	5
Totals	5	....	5
NICHOLAS			
Saxman Coal & Coke Co., The	3	....	3
Totals	3	....	3
OHIO			
Elm Grove Coal Co	3	....	3
Totals	3	....	3

MINOR ACCIDENTS, BY ALPHABETICALLY ARRANGED COUNTIES AND COMPANIES, FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
PRESTON			
Elkins Coal & Coke Co	14	3	17
Hiorra Coke Co	4	....	4
Irona Coal Co	1	....	1
Merchants Coal Co	1	....	1
Preston County Fuel Co	2	....	2
Somerset Smokeless Coal Co	2	....	2
Virginia-Maryland Coal Corporation	5	....	5
Totals	29	3	32
PUTNAM			
Plymouth Coal & Mining Co	6	....	6
Totals	6	....	6
RALEIGH			
Bailey-Wood Coal Co	1	1	2
Beckley Coal & Coke Co	5	....	5
Clear Fork Coal Co	3	1	4
Cranberry Fuel Co	6	....	6
Four States Coal & Coke Co	26	7	33
Gulf Coal Co	9	2	11
Lilly Mining Co	2	....	2
Mabscott Coal & Coke Co	1	....	1
MacAlpin Coal Co	13	1	14
McKell Coal & Coke Co	7	....	7
Marsh Fork Coal Co	4	1	5
New River Collieries Co	53	7	60
Pemberton Coal & Coke Co	1	1	2
Pemberton Fuel Co	2	....	2
Piney Mining Co	3	1	4
Slab Fork Coal Co	58	10	68
Stonewall Coal & Coke Co	2	....	2
White E. E. Coal Co	4	....	4
Winding Gulf Colliery Co	22	1	23
Totals	222	33	255
RANDOLPH			
Davis Coal & Coke Co	26	....	26
Totals	26	....	26
TAYLOR			
Maryland Coal Co of West Virginia	7	....	7
McGraw Coal Co	4	....	4
Rosemont Coal Co	2	1	3
Winona Coal Co	2	1	3
Totals	15	2	17
TUCKER			
Davis Coal & Coke Co	13	3	16
Totals	13	3	16

TABLE SHOWING THE NUMBER OF MINOR ACCIDENTS, INSIDE AND OUTSIDE BY ALPHABETICALLY ARRANGED COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	Inside	Outside	Total
Barbour	38	2	40
Boone	2	....	2
Braxton	....	....	....
Brooke	7	4	11
Clay	2	....	2
Fayette	444	60	504
Gilmer	....	....	....
Grant	1	....	1
Greenbrier	....	....	....
Harrison	70	11	81
Kanawha	102	27	129
Lewis	....	....	....
Lincoln	....	....	....
Logan	65	10	75
Marion	65	13	78
Marshall	6	....	6
Mason	....	....	....
McDowell	154	33	187
Mercer	39	13	52
Mineral	....	....	....
Mingo	7	3	10
Monongalia	5	....	5
Nicholas	3	....	3
Ohio	3	....	3
Preston	29	3	32
Putnam	6	....	6
Raleigh	222	33	255
Randolph	26	....	26
Taylor	15	2	17
Tucker	13	3	16
Upshur	....	....	....
Wayne	....	....	....
Wyoming	....	....	....
Totals	1,324	217	1,541

PROSECUTIONS FOR VIOLATION OF MINING LAWS DURING THE YEAR ENDING JUNE 30, 1915.

(By Districts and Counties.)

DISTRICTS.	County.	Solid Shooting.	Tamping With Coal Dust.	Excess Powder.	Blasting With Short Fuse.	Using Black Powder.	Dangerous Practices.	Totals.
Fourth	Tucker	......	......	......	22	9	6	37
Eighth	Fayette	1	......	......	......	......	......	1
Ninth	Raleigh	......	......	......	......	......	1	1
Tenth	Mercer	21	......	1	......	......	......	22
Tenth	McDowell	5	......	......	2	......	......	7
Eleventh	McDowell	10	5	2	......	......	16	33
Twelfth	McDowell	1	......	......	......	......	......	1
Twelfth	Mingo	......	......	......	......	......	2	2
	Totals	38	5	3	24	9	25	104

Below is a list showing the names of persons prosecuted for violation of the mining laws and Mine Inspectors' instructions during the year ending June 30, 1915.

FAYETTE COUNTY.

May 8, 1815.—George Depriest, Miner, employed at Brooklyn Mine of the Scotia Coal & Coke Company, was prosecuted for shooting coal from the solid by J. I. Absalom, Inspector of the Eighth District, was convicted and fined $10.00 and costs.

McDOWELL COUNTY.

May 13, 1915.—E. P. Wolfe, Assistant Mine Foreman, employed at No. 6 Mine of the Carter Coal Company, was prosecuted by L. Blenkensopp, Inspector of the Eleventh District, for allowing men to enter mine before mine was examined, pleaded guilty and was fined $50.00 and costs.

December 24, 1914.—J. L. Jenkins, Miner, employed at No. 2 Mine of the Crozer Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for tamping with coal dust and was convicted and fined $10.00.

December 24, 1914.—Vance Jenkins, Miner, employed at No. 2 Mine of the Crozer Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for tamping with coal dust, pleaded guilty and was fined $10.00.

December 31, 1914.—Henry Creasey, Miner, employed at No. 2 Mine of the Crozer Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for shooting coal from the solid, pleaded guilty and was fined $10.00.

August 29, 1914.—R. L. Gravely, Miner, employed at Empire Mine of the Empire Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for shooting coal from the solid, contrary to instructions given by the Foreman, pleaded guilty and was fined $10.00 and costs.

August 29, 1914.—Delbert Newman, Miner, employed at Empire Mine of the Empire Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for solid shooting, was convicted and fined $10.00 and costs.

November 24, 1914.—Joe Patrick, Trapper, employed at No. 1 Mine of the Empire Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for riding motor, pleaded guilty and was fined $5.00 and costs.

May 14, 1915.—Joe Drury, Miner, employed at No. 1 Mine of the Houston Collieries Company, was prosecuted for violation of section 40 of the mining law by L. Blenkinsopp, Inspector of the Eleventh District, was convicted and fined $10.00.

October 1, 1914.—Sebasto Melonge, Miner, employed at No. 2 Mine of the Keystone Coal & Coke Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for shooting coal from the solid contrary to instructions given by the Mine Foreman, pleaded guilty and was fined $20.00 and costs.

August 26, 1914.—Shad Medlock, Miner, employed at Kimball-Pocahontas Mine of the Kimball-Pocahontas Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for shooting coal from the solid contrary to instructions given by the Foreman, pleaded guilty and fined $20.00 and costs.

August 3, 1914.—Check No. 606, a Spaniard, Miner, employed at No. 1 Mine of the Lake Superior Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for violation of section 18 of the mining law, pleaded guilty and was fined $20.00 and costs.

August 3, 1914.—Check No. 603, a Spaniard, Miner, employed at No. 1 Mine of the Lake Superior Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for violation of section 18 of the mining law, was convicted and fined $20.00 and costs.

September 10, 1914.—Bill Konkosky, Miner, employed at Superior Mine of the Lake Superior Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for violation of section 18 of the mining law, was convicted and fined $100.00.

January 23, 1915.—Ben Smith, Miner, employed at No. 1 Mine of the Lake Superior Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for violation of section 18 of the mining law, was convicted and fined $10.00 and costs.

May 22, 1915.—Paul Gracell, Miner, employed at No. 2 Mine of the Lake Superior Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for failure to keep permissible powder and exploders separate, pleaded guilty and was fined $5.00.

October 21, 1914.—Cont Amande, Miner, employed at McDowell Mine of the McDowell Coal Company was prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal from the solid, was convicted and fined $10.00.

October 21, 1914.—Pete Glassnow, Miner, employed at McDowell Mine of the McDowell Coal Company was prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal from the solid, was convicted and fined $10.00.

October 21, 1914.—John Pabara, Miner, employed at McDowell Mine of the McDowell Coal Company, was prosecuted for shooting coal from the solid by Isaac Murray, Inspector of the Tenth District, was convicted and fined $10.00.

October 23, 1914.—Frank Veolisti, Miner, employed at McDowell Mine of the McDowell Coal Company, was prosecuted for shooting coal from the solid by Isaac Murray, Inspector of the Tenth District, was convicted and fined $10.00 and costs.

October 23, 1914.—Orange Justice, Miner, employed at McDowell Mine of the McDowell Coal Company, was prosecuted for shooting coal off the solid by Isaac Murray, Inspector of the Tenth District, was convicted and fined $10.00 and costs.

June 8, 1915.—Granvil Brown, Miner, employed at Rolfe Mine of the Rolfe Colliery Company, was prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal with short fuse and dynamite, was convicted and fined $10.00 and costs.

June 8, 1915.—Millard Kent, Miner, employed at Rolfe Mine of the Rolfe Colliery Company, was prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal with short fuse and dynamite, was convicted and fined $10.00 and costs.

July 14, 1914.—Wesley Anntovitch, Miner, employed at No. 2 Mine of the Peerless Coal & Coke Company, was prosecuted for slate shooting and fined $5.00.

August 22, 1914.—Frank Falco, Miner, employed at No. 1 Mine of the Premier Pocahontas Colliery Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for shooting off the solid, and fined $15.00 and costs.

August 29, 1914.—R. C. Whaley, Miner, employed at Premier Mine of the Premier Pocahontas Colliery Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for violation of Section 11 of the Mining Law, pleaded guilty, and was fined $5.00 and costs.

October 22, 1914.—B. F. Lucas, Miner, employed at Premier No. 1 Mine, of the Premier Pocahontas Colliery Company, was prosecuted by E. C. Lambert, Inspector of the Eleventh District, for shooting coal off the solid, and was fined $10.00 and costs.

July 29, 1914.—Theo Bobilli, Miner, employed at Shawnee Mine of the Shawnee Coal & Coke Company, was prosecuted for solid shooting, pleaded guilty and was fined $10.00.

July 30, 1914.—Eli Volk, Miner, employed at Shawnee Mine of the Shawnee Coal & Coke Company, was prosecuted for solid shooting, pleaded guilty and was fined $10.00.

October 27, 1914.—Mike Evice, Miner, employed at the Standard Pocahontas Coal Company's Mine, Standard Pocahontas, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for passing Danger Board, pleaded guilty and was fined $10.00 and costs.

October 27, 1914.—Toney Demitt, Miner, employed at Standard Pocahontas Mine of the Standard Pocahontas Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for passing Danger Board, was convicted and fined $20.00 and costs.

December 29, 1914.—Philip Kenovisky, Miner, employed at No. 1 Mine of the Standard Pocahontas Coal Company, was prosecuted for carrying matches in mine, and was fined $10.00 and costs.

January 22, 1915.—George Martin, Miner, employed at No. 1 Mine of the Standard Pocahontas Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for carrying matches in mine, pleaded guilty and was fined $10.00.

March 18, 1915.—Albert Ziglen, Miner, employed at No. 1 Mine of the Standard Pocahontas Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for carrying matches in mine, pleaded guilty and was fined $5.00.

June 4, 1915.—Pauel Conda, Miner, employed at No. 1 Mine of the Standard Pocahontas Coal Company, was prosecuted by L. Blenkinsopp, Inspector of the Eleventh District, for firing shot without notifying shot firer, was convicted and fined $25.00 and costs.

April 1, 1915.—Check No's 91, 95 and 331, Miners, employed at No. 1 Mine of the Tidewater Coal & Coke Company, were prosecuted by L. Blenkinsopp, Inspector of the Eleventh District for tamping with coal dust, and were fined $5.00 and costs each.

November 25, 1914.—Toney Bilbin, Lenard Debussey, Rooco Razo and Mike Denney, Coal Loaders, employed at No. 2 Mine of the West Virginia Pocahontas Coal Company, were prosecuted by L. Blenkinsopp, Inspector of the Eleventh District for carrying powder and caps together, and were fined $10.00 and costs each.

MERCER COUNTY.

June 8, 1915.—James Mizark, Miner, employed at Hemlock Mine of the Caswell Creek Coal Company, was prosecuted by Isaac Murray, Inspector of the Tenth District for carrying powder in excess of quantity allowed in mine, and was fined $11.60.

August 10, 1914.—Joe Shaddle, Miner, employed at Booth-Bowen Mine of the Booth-Bowen Coal & Coke Company, was prosecuted by Isaac Murray, Inspector of the Tenth District for shooting coal off the solid, and was fined $10.00 and costs.

June 19, 1915.—Toney Anerback, Vinco Barich, Frank Bracaski, Pete Burchas, Pete Chreski, John Fegyck, Tofuri Giouian, Mike Glabold, Casima Guliano, Audy Hartaski, Fred King, Geo. Major, Steve Micoc, Andy Powluck, Steve Falen, Mike Vesacki and John Yatsko, Miners, employed at No. 1 Mine of the Crystal Coal & Coke Company, were prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal off the solid, pleaded guilty and were fined $10.00 and costs each.

July 9, 1914.—John Allen and Joe Lynch, Coal Miners, employed at No. 1 Mine of the Thomas Coal Company were prosecuted by Isaac Murray, Inspector of the Tenth District, for shooting coal off the solid, pleaded guilty and were fined $10.00 each.

July 20, 1914.—Patsy Nina, Miner, employed at Weyanoke Mine of the Weyanoke Coal & Coke Company, was prosecuted for shooting coal off the solid by Isaac Murray, Inspector of the Tenth District, pleaded guilty and was fined $10.00 and costs.

MINGO COUNTY.

February 15, 1915.—R. C. Bennett and J. J. Body, Mine Foremen, employed at Stone Mountain Mine of the Stone Mountain Coal Corporation, were prosecuted for failure to drive breakthroughs according to law, both pleaded guilty and were fined $50.00 each.

RALEIGH COUNTY.

September 26, 1914.—W. S. Fink, Mine Foremen, employed at Sprague Mine of the Cranberry Fuel Company, was prosecuted for violating section eleven of the Mining Law relative to breakthroughs, by L. B. Holliday, Inspector of the Ninth District, pleaded guilty and was fined $50.00 and costs.

TUCKER COUNTY.

December 23, 1914.—John Godneck, John Hadesoivch, Matt Kriber Frank Marigne, Jack Onechick, Joe Pacain, Toney Pavona, James Petsolia, John Sebas, John Siligock, Mike Spolick, John Tollas, Mike Wogrin and Frank Zollar, Miners, employed at Bush Mine No. 38 of the Davis Coal & Coke Company, were prosecuted for blasting with short fuse by W. B. Plaster, Inspector of the Fourth District and were fined $10.00 and costs each.

December 28, 1914.—Martin Farley, Motorman, employed at Thomas No. 34 Mine of the Davis Coal & Coke Company, was prosecuted for failure to carry light on rear end of trip, by W. B. Plaster, Inspector of the Fourth District and fined $20.00 and costs.

February 4, 1915.—Pete Ghost, Miner, employed at Coketon No. 24 Mine of the Davis Coal & Coke Company was prosecuted for use of short fuse by W. B. Plaster, Inspector of the Fourth District, and was fined $10.00 and costs.

February 8, 1915.—John Larue, Miner, employed at Pendleton Run Mine of the Davis Coal & Coke Company, was prosecuted for the use of short fuse by W. B. Plaster, Inspector of the Fourth District and fined $10.00 and costs.

February 8, 1915.—Ott Pace, and Mike Suter, Miners, employed at Pendleton Run Mine of the Davis Coal & Coke Company, were prosecuted for failure to carry light on rear end of trip by W. B. Plaster, Inspector of the Fourth District and were fined $20.00 and costs each.

February 9, 1915.—John Buttice, Mike Carunns, Tom Disus and George Ratlicees, Miners, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company were prosecuted for the use of short fuse by W. B. Plaster, Inspector of the Fourth District and were fined $5.00 and costs each.

February 9, 1915.—Tom Buttus, Hignus Dargris, Antonio Gottos, Joe

Junctices, John Junctices, Joe Regine and Joe Veno, Miners, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company were prosecuted for the use of black powder by W. B. Plaster, Inspector of the Fourth District and fined $10.00 and costs each.

February 12, 1915.—Toni Pangrafi, Miner, employed at Pierce No. 39 Mine of the Davis Coal & Coke Company was prosecuted for running car out of place by W. B. Plaster, Inspector of the Fourth District and was fined $5.00 and costs.

February 12, 1915.—Albeck Palnoir, Miner, employed at Pierce No. 39 Mine of the Davis Coal & Coke Company was prosecuted for the use of short fuse by W. B. Plaster, Inspector of the Fourth District and was fined $13.50.

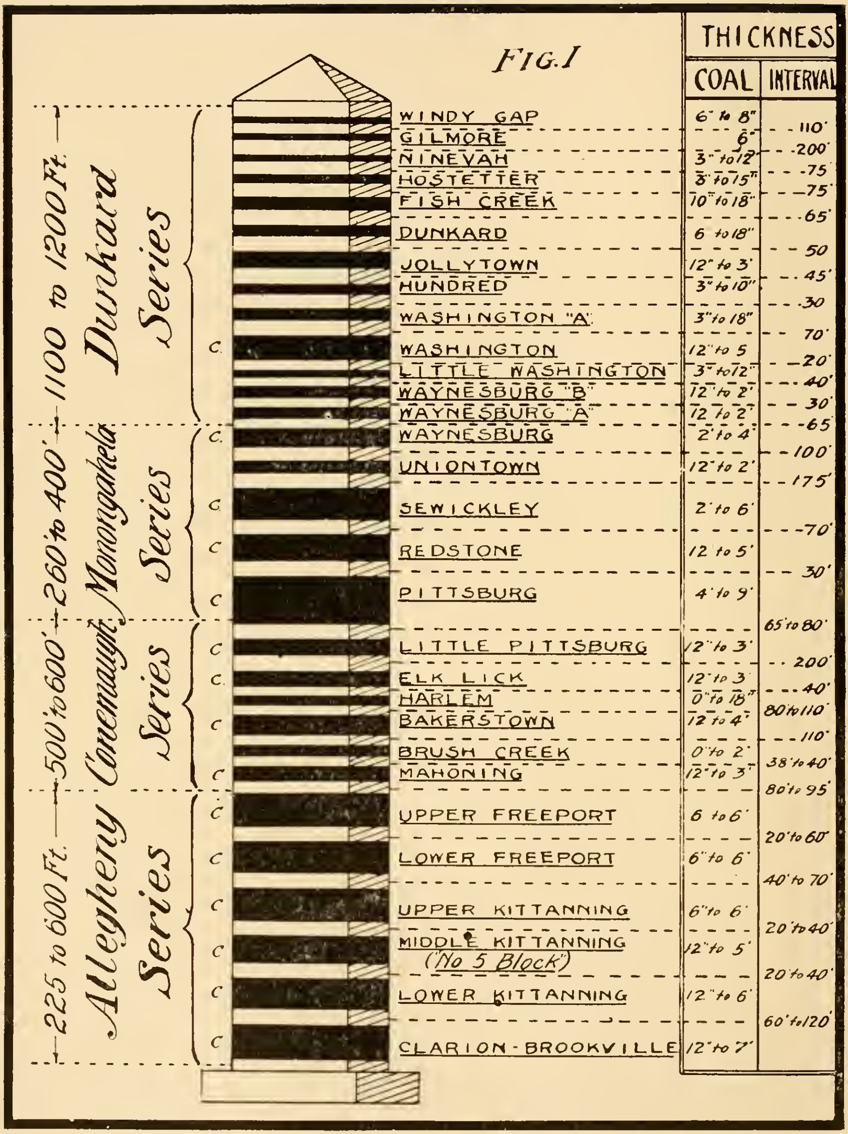
February 23, 1915.—John McCarty, Miner, employed at Coketon No. 37 Mine of the Davis Coal & Coke Company, was prosecuted for using short fuse by W. B. Plaster, Inspector of the Fourth District, and was fined $10.00 and costs.

March 4, 1915.—Albeck Luzian, Miner, employed at Pierce No. 40 Mine of the Davis Coal & Coke Company, was prosecuted for using short fuse by W. B. Plaster, Inspector of the Fourth District, and was fined $30.00 and costs.

March 10, 1915.—Hiram Haskell, Boss Driver and Assistant Mine Foreman, employed at Thomas No. 25 Mine of the Davis Coal & Coke Company, was prosecuted for crossing Danger Board by W. B. Plaster, Inspector of the Fourth District, and was fined $50.00 and costs.

March 11, 1915.—Ted Gedwil and Wlasislayn, Miners, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company, were prosecuted for using black powder by W. B. Plaster, Inspector of the Fourth District, and was fined $10.00 and costs.

FIG. I


THICKNESS
COAL
INTERVAL
1100 to 1200 Ft.
Dunkard Series
260' to 400'
Monongahela Series
500' to 600'
Conemaugh Series
225 to 600 Ft.
Allegheny Series
WINDY GAP 6" to 8"
110'
GILMORE 6"
200'
NINEVAH 3" to 12"
75'
HOSTETTER 3" to 15"
75'
FISH CREEK 10" to 18"
65'
DUNKARD 6" to 18"
50
JOLLYTOWN 12" to 3'
45'
HUNDRED 3" to 10"
30
WASHINGTON "A" 3" to 18"
70'
WASHINGTON 12" to 5
20'
LITTLE WASHINGTON 3" to 12"
40'
WAYNESBURG "B" 12" to 2'
30'
WAYNESBURG "A" 12" to 2'
65'
WAYNESBURG 2' to 4'
100'
UNIONTOWN 12" to 2'
175'
SEWICKLEY 2' to 6'
70'
REDSTONE 12" to 5'
30'
PITTSBURG 4' to 9'
65' to 80'
LITTLE PITTSBURG 12" to 3'
200'
ELK LICK 12" to 3'
40'
HARLEM 0" to 18"
80' to 110'
BAKERSTOWN 12" to 4'
110'
BRUSH CREEK 0' to 2'
38' to 40'
MAHONING 12" to 3'
80' to 95'
UPPER FREEPORT 6" to 6'
20' to 60'
LOWER FREEPORT 6" to 6'
40' to 70'
UPPER KITTANNING 6" to 6'
20' to 40'
MIDDLE KITTANNING ("No 5 Block") 12" to 5'
20' to 40'
LOWER KITTANNING 12" to 6'
60' to 120'
CLARION-BROOKVILLE 12" to 7'
C

THIRD SECTION

MINE INSPECTION DISTRICTS

FIRST DISTRICT.

Counties of *Brooke, Marion,* Wetzel, Tyler and Pleasants. *Marshall, Ohio.*

SECOND DISTRICT.

Counties of Doddridge, *Harrison, Lewis,* Ritchie and Webster.

THIRD DISTRICT.

Counties of *Barbour* (Part), *Harrison* (Part), *Monongalia. Preston, Randolph* (Part), *Taylor* and *Upshur.*

FOURTH DISTRICT.

Counties of *Barbour* (Part), Berkeley, *Grant,* Hampshire, Hardy, Jefferson, *Mineral,* Morgan, Pendleton, Pocahontas, *Randolph* (Part) and *Tucker.*

FIFTH DISTRICT.

Counties of *Braxton,* Calhoun, *Clay, Fayette* (Part), *Gilmer, Greenbrier,* Jackson, *Kanawha* (Part), *Mason, Nicholas* (Part), Roane and Wirt.

SIXTH DISTRICT.

Counties of *Boone, Kanawha* (Part), *Lincoln, Logan* and *Raleigh.*

SEVENTH DISTRICT.

Counties of *Fayette* (Part), *Kanawha* (Part).

EIGHTH DISTRICT.

Counties of *Fayette* (Part) and *Raleigh* (Part).

NINTH DISTRICT.

Counties of *Fayette* (Part) and *Raleigh* (Part).

TENTH DISTRICT.

Counties of *McDowell* (Part), *Mercer,* Monroe, *Raleigh* (Part), Summers and *Wyoming.*

ELEVENTH DISTRICT.

County of *McDowell* (Part).

TWELFTH DISTRICT.

Counties of Cabell, *McDowell* (Part), *Mingo* and *Wayne.*

("Italicized" counties are those in which coal mines are operated.)

Personnel of the Department of Mines

Earl A. Henry, Chief of Department of Mines, Charleston.

FIRST DISTRICT.

W. B. Riggleman, Inspector, Fairmont.

SECOND DISTRICT.

F. E. Parsons, Inspector, Clarksburg.

THIRD DISTRICT.

L. D. Vaughn, Inspector, Grafton.

FOURTH DISTRICT.

W. B. Plaster, Inspector, Elkins.

FIFTH DISTRICT.

R. B. Cobb, Inspector, Charleston.

SIXTH DISTRICT.

Enoch Carver, Inspector, Charleston.

SEVENTH DISTRICT.

Eli J. Mason, Inspector, Montgomery.

EIGHTH DISTRICT.

John I. Absalom, Inspector, Montgomery.

NINTH DISTRICT.

Lance B. Holliday, Inspector, Beckley.

TENTH DISTRICT.

Isaac Murray, Inspector, Bramwell.

ELEVENTH DISTRICT.

Lawson Blankinsopp, Inspector, Welch.

TWELFTH DISTRICT.

E. C. Lambert, Inspector, Williamson.
P. P. Kerr, Inspector, Williamson.

GENERAL SUMMARY OF INSPECTIONS BY COUNTIES DURING THE FISCAL YEAR ENDING JUNE 30, 1915.

COUNTY	INSPECTIONS
Barbour	45
Boone	17
Braxton	3
Brooke	12
Clay	6
Fayette	506
Gilmer	3
Grant	15
Greenbrier	1
Harrison	172
Kanawha	337
Logan	185
Marion	230
Marshall	21
Mason	9
McDowell	434
Mercer	78
Mineral	53
Mingo	65
Monongalia	29
Nicholas	8
Ohio	8
Preston	100
Putnam	41
Raleigh	53
Randolph	40
Taylor	45
Tucker	139
Upshur	2
Wayne	2
Wyoming	1
Total	2.660

TOTAL NUMBER OF INSPECTIONS MADE BY EACH INSPECTOR DURING THE FISCAL YEAR ENDING JUNE 30, 1915.

NAME	NUMBER OF INSPECTIONS
W. B. Riggleman	226
F. E. Parsons	224
L. D. Vaughn	206
W. B. Plaster	255
Earl A. Henry	2
R. B. Cobb	241
Enoch Carver	198
Eli J. Mason	257
R. Y. Muir	43
Jno. I. Absalom	195
L. B. Holliday	191
Isaac Murray	228
Lawson Blenkinsopp	236
E. C. Lambert	127
P. P. Kerr	31
Total	2,660

THE FOLLOWING IS A GENERAL SUMMARY OF THE VARIOUS MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

DISTRICTS	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.										Production of	
			Inside.					Outside.					Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.		Tons of 2,240 lbs.	Tons of 2,000 lbs.
First......	53	40	1,592	3,761	686	2,248	8,287	1,256	55	1,311	9,598		8,249,819	51,490
Second.....	70	11	924	2,354	514	1,313	5,105	863	16	879	5,984		4,474,182	17,254
Third.....	55	13	1,517	1,171	208	710	3,606	604	126	730	4,336		3,156,489	127,278
Fourth....	51	11	2,239	329	35	655	3,258	412	65	477	3,735		2,905,699	91,272
Fifth.....	62	17	1,179	3,019	386	1,525	6,109	885	18	903	7,012		4,618,768	39,452
Sixth.....	98	23	282	4,192	590	1,698	6,762	1,112	......	1,112	7,874		7,797,007	....
Seventh...	80	20	842	2,507	502	1,494	5,345	809	......	809	6,154		4,291,977	....
Eighth....	69	135	2,170	1,314	297	1,248	5,029	806	138	944	5,973		3,368,111	71,365
Ninth.....	82	58	3,068	853	211	1,916	6,048	807	19	826	6,874		5,012,080	19,461
Tenth....	83	37	2,169	2,277	276	2,157	6,879	1,366	362	1,728	8,607		7,167,035	246,959
Eleventh..	57	36	2,313	1,669	183	1,964	6,129	1,335	385	1,720	7,849		6,569,431	382,007
Twelfth...	90	54	1,482	1,924	434	2,119	5,959	1,327	46	1,373	7,332		6,208,079	56,466
Totals..	850	455	19,777	25,370	4,322	19,047	68,516	11,582	1,230	12,812	81,328		63,818,677	1,103,004
Small Country Mines	Not Rep	Not Rep	Not Rep.	Not Rep.	Not Rep.	Not Rep.	Not Rep.	Not Rep.	Not Rep.	Not Rep.	Not Rep.		300,000	Not Rep.
Grand Totals..	850	455	19,777	25,370	4,322	19,047	68,516	11,582	1,230	12,812	81,328		64,118,677	1,103,004

FIRST DISTRICT.

GENERAL SUMMARY FOR THE FIRST MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Brooke....	6	4	103	572	64	232	971	126	......	126	1,097	727,326	....
Harrison (Part)	1	....	20	......	......	4	24	5	......	5	29	30,108	....
Marion...	34	28	1,449	2,069	494	1,750	5,762	937	55	992	6,754	5,988,879	51,490
Marshall..	7	4	8	755	82	168	1,013	134	......	134	1,147	963,173	....
Ohio......	5	4	12	365	46	94	517	54	......	54	571	540,333	....
Totals..	53	40	1,592	3,761	686	2,248	8,287	1,256	55	1,311	9,598	8,249,819	51,490

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE FIRST DISTRICT DURING THE FISCAL YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
BROOKE COUNTY			
Clifton Coal Co.	No. 1.	12-14-14	W. B. Riggleman
Clifton Coal Co.	No. 1.	12-15-14	W.B. Riggleman
LaBelle Iron Works	Shaft	7-13-14	W.B. Riggleman
LaBelle Iron Works	Shaft	7-14-14	W. B. Riggleman
Wagner Wm.	Washington Pike	4-26-15	W. B. Riggleman
West Virginia Pittsburg Coal Co.	LaBelle No. 4	7-15-15	W. B. Riggleman
West Virginia Pittsburg Coal Co.	Gilchrist No. 3	7-16-15	W. B. Riggleman
West Vargina Pittsburg Coal Co.	Beech Bottom	7-17-15	W. G. Riggleman
West Virginia Pittsburg Coal Co.	Locust Grove	12-16-14	W. B. Riggleman
West Virginia Pittsburg Coal Co.	Locust Grove	12-17-14	W. B. Riggleman
West Virginia Pittsburg Coal Co.	Gilchrist No. 3	4-27-15	W. B. Riggleman
West Virginia Pittsburg Coal Co.	LaBelle No. 4	4-28-15	W. B. Riggleman
MARION COUNTY			
Buttermore J. J. Coal Co.	Elizabeth	9-11-14	W. B. Riggleman
Buttermore J. J. Coal. Co.	Elizabeth	2-23-15	W. B. Riggleman
Catawba Coal Co.	Catawba	9-11-14	W. B. Riggleman
Catawba Coal Co.	Catawba	3- 4-15	W. B. Riggleman
Consolidation Coal Co.	No. 56.	7- 2-14	W. B. Riggleman
Consolidation Coal Co.	No. 56.	7- 3-14	W. B. Riggleman
Consolidation Coal Co.	No. 45.	7-24-14	W. B. Riggleman
Consolidation Coal Co.	No. 22.	7-27-14	W. B. Riggleman
Consolidation Coal Co.	No. 53.	7-28-14	W. B. Riggleman
Consolidation Coal Co.	No. 84.	8- 4-14	W. B. Riggleman
Consolidation Coal Co.	No. 36.	8-12-14	W. B. Riggleman
Consolidation Coal Co.	No. 38.	8-13-14	W. B. Riggleman
Consolidation Coal Co.	No. 38.	8-14-14	W. B. Riggleman
Consolidation Coal Co.	No. 24.	8-24-14	W. B. Riggleman
Consolidation Coal Co.	No. 24.	8-25-14	W. B. Riggleman
Consolidation Coal Co.	No. 85.	8-27-14	W. B. Riggleman
Consolidation Coal Co.	No. 38.	8-29-14	W. B. Riggleman
Consolidation Coal Co.	No. 38.	8-29-14	F. E. Parsons
Consolidation Coal Co.	No. 38.	8-30-14	W. B. Riggleman
Consolidation Coal Co.	No. 38.	8-30-14	F. E. Parsons
Consolidation Coal Co.	No. 67.	9-14-14	F. E. Parsons
Consolidation Coal Co.	No. 43.	11-30-14	F. E. Parsons
Consolidation Coal Co.	No. 43.	12- 1-14	F. E. Parsons
Consolidation Coal Co.	No. 43.	12- 2-14	F. E. Parsons
Consolidation Coal Co.	No. 63.	12- 3-14	F. E. Parsons
Consolidation Coal Co.	No. 63.	12- 4-14	F. E. Parsons
Consolidation Coal Co.	No. 56.	12- 7-14	F. E. Parsons
Consolidation Coal Co.	No. 26.	12- 8-14	F. E. Parsons
Consolidation Coal Co.	No. 26.	12- 9-14	F. E. Parsons
Consolidation Coal Co.	No. 38.	12-10-14	F. E. Parsons
Consolidation Coal Co.	No. 38.	12-11-14	F. E, Parsons
Consolidation Coal Co.	No. 84.	12-28-14	F. E. Parsons
Consolidation Coal Co.	No. 68.	1- 4-15	F. E. Parsons
Consolidation Coal Co.	No. 36.	1- 5-15	F. E. Parsons
Consolidation Coal Co.	No. 59.	1- 6-15	F. E. Parsons
Consolidation Coal Co.	No. 47.	2-24-15	F. E. Parsons
Consolidation Coal Co.	No. 47.	2-25-15	F. E. Parsons
Consolidation Coal Co.	No. 22.	3- 1-15	F. E. Parsons
Consolidation Coal Co.	No. 22.	3- 2-15	F. E. Parsons
Consolidation Coal Co.	No. 22.	3- 3-15	F. E. Parsons
Consolidation Coal Co.	No. 43.	3-10-15	F. E. Parsons
Consolidation Coal Co.	No. 43.	3-11-15	F. E. Parsons
Consolidation Coal Co.	No. 43.	3-12-15	F. E. Parsons
Consolidation Coal Co.	No. 63.	3-24-15	F. E. Parsons
Consolidation Coal Co.	No. 63.	3-25-15	F. E. Parsons
Consolidation Coal Co.	No. 24.	4- 1-15	F. E. Parsons
Consolidation Coal Co.	No. 24.	4- 2-15	F. E. Parsons
Consolidation Coal Co.	No. 26.	5-10-15	F. E. Parsons
Consolidation Coal Co.	No. 26.	5-11-15	F. E. Parsons
Consolidation Coal Co.	No. 84.	5-12-15	F. E. Parsons
Consolidation Coal Co.	No. 47.	5-23-15	F. E. Parsons
Consolidation Coal Co.	No. 47.	5-24-15	F. E. Parsons
Consolidation Coal Co.	No. 43.	5-25-15	W. B. Riggleman
Consolidation Coal Co.	No. 43.	5-26-15	W. B. Riggleman
Consolidation Coal Co.	No. 38.	6-5 -15-	W. B. Riggleman
Consolidation Coal Co.	No. 22.	6-21-15	W. B. Riggleman
Consolidation Coal Co.	No. 22.	6-28-15	W. B. Riggleman
Consolidation Coal Co.	No. 22.	6-29-15	W. B. Riggleman
Consolidation Coal Co.	No. 85.	6-30-15	W. B. Riggleman

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MARION CO.—Continued			
Dakota Coal & Coke Co.	No. 2	8- 9-14	W. B. Riggleman
Dakota Coal & Coke Co.	No. 2	8- 9-14	F. E. Parsons
Dakota Coal & Coke Co.	No. 2	11-23-14	W. B. Riggleman
Dakota Coal & Coke Co.	No. 2	2-26-15	W. B. Riggleman
Dakota Coal & Coke Co.	No. 2	12-26-15	F. E. Parsons
Dakota Coal & Coke Co.	No. 2	3-16-15	F. E. Parsons
Dakota Coal & Coke Co.	No. 2	3-17-15	F. E. Parsons
Dakota Coal & Coke Co.	No. 2	4-15-15	F. E. Parsons
Dakota Coal & Coke Co.	No. 2	4-15-15	W. B. Riggleman
Dakota Coal & Coke Co.	No. 2	5-28-15	W. B. Riggleman
Dakota Coal & Coke Co.	No. 2	5-28-15	F. E. Parsons
Fairmont & Cleveland Coal Co.	Parker Run	12-29-14	W. B. Riggleman
Fairmont & Cleveland Coal Co.	Parker Run	3-19-14	W. B. Riggleman
Fairmont & Cleveland Coal Co.	Parker Run	6-15-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	7- 6-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	7- 7-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	7- 8-14	W. B. Riggleman
Fairmont & Cleveland Coal Co.	Parker Run	8-31-14	W. B. Riggleman
Fairmont & Cleveland Coal Co.	Parker Run	9- 1-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	7- 9-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	7-10-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	9-28-14	F. E. Parsons
Federal Coal & Coke Co.	No. 1	9-28-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	9-29-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	9-29-14	F. E. Parsons
Federal Coal & Coke Co.	No. 1	9-30-14	F. E. Parsons
Federal Coal & Coke Co.	No. 1	9-30-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	10- 1-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	10- 1-14	F. E. Parsons
Federal Coal & Coke Co.	No. 1	10- 2-14	F. E. Parsons
Federal Coal & Coke Co.	No. 1	10- 2-14	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	2-15-15	W. B. Riggleman
Federal Coal & Coke Co.	No. 1	2-20-15	W. B. Riggleman
Four States Coal & Coke Co.	Anabelle	9-15-14	F. E. Parsons
Four States Coal & Coke Co.	No. 1	9-15-14	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	9-16-15	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	9-16-14	F. E. Parsons
Four States Coal & Coke Co.	No. 1	9-17-14	F. E. Parsons
Four States Coal & Coke Co.	No. 1	9-17-14	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	9-18-14	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	9-18-14	F. E. Parsons
Four States Coal & Coke Co.	No. 1	4- 5-15	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	4- 6-15	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	4- 7-15	W. B. Riggleman
Four States Coal & Coke Co.	No. 1	4- 8-15	W. B. Riggleman
Harry B. Coal Co.	Junior	9- 8-14	W. B. Riggleman
Harry B. Coal Co.	Junior	9- 8-14	W. B. Riggleman
Harry B. Coal Co.	Junior	3-31-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	7-21-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	7-22-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	7-23-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	8-18-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	8-19-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	8-20-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	8-21-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-21-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-21-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	8-22-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-22-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	8-23-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-23-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	8-24-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-24-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	8-25-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	8-25-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-20-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	9-20-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-21-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-21-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	9-22-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	9-22-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-23-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-23-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	9-24-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	9-24-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	9-25-14	F. E. Parsons

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MARION CO—Continued			
Jamison Coal & Coke Co.	No. 7	9-25-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	10- 5-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	10- 5-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	10- 6-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	10- 6-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	10- 7-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	10- 7-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	10- 8-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	10- 8-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	10- 9-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	10- 9-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 4-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 4-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	11- 5-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 5-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	11- 6-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 6-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	11- 7-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 7-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	11- 9-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11- 9-14	W. B. Riggleman
Jamison Coal &Coke Co.	No. 8	11-10-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11-10-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	11-11-14	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	11-11-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	12-30-14	W. B. Riggleman
Jamison Coal & Coke Co	No. 7	12-31-14	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	1-14-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	1-15-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	1-28-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	1-29-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2- 8-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2- 8-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2- 9-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	2- 9-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2-10-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2-10-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	2-11-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 8	2-11-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	2-12-15	W. B. Riggleman
Jamison Coal & Coke Co.	No 8	2-12-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 7	4- 9-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	4-12-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	4-13-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	4-14-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 7	4-16-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	4-17-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	4-18-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	4-19-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	4-20-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 8	4-21-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	6- 1-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	6- 1-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	6- 2-15	F. E. Parsons
Jamison Coal & Coke Co.	No. 9	6- 2-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	6- 3-15	W. B. Riggleman
Jamison Coal & Coke Co.	No. 9	6- 3-15	F. E. Parsons
McCoy Coal Co.	McCoy	1- 8-15	W. B. Riggleman
New Central Coal Co.	Stafford	9- 2-14	W. B. Riggleman
New Central Coal Co.	Stafford	9- 3-14	W. B. Riggleman
New Central Coal Co.	Stafford	9- 4-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-12-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-12-14	F. E. Parsons
New Central Coal Co.	Stafford	11-13-14	F. E. Parsons
New Central Coal Co.	Stafford	11-13-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-16-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-16-14	F. E. Parsons
New Central Coal Co.	Stafford	11-17-14	F. E. Parsons
New Central Coal Co.	Stafford	11-17-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-18-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-18-14	F. E. Parsons
New Central Coal Co.	Stafford	11-19-14	F. E. Parsons
New Central Coal Co.	Stafford	11-19-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-20-14	W. B. Riggleman
New Central Coal Co.	Stafford	11-20-14	F. E. Parsons
New Central Coal Co.	Stafford	4-19-15	W. B. Riggleman

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MARION CO.—Continued			
New Central Coal Co.	Stafford	4-20-15	W. B. Riggleman
New Central Coal Co.	Stafford	4-21-15	W. B. Riggleman
New Central Coal Co.	Stafford	4-22-15	W. B. Riggleman
New Central Coal Co.	Stafford	4-23-15	W. B. Riggleman
Phillips Coal Co.	Philips	9- 9-14	W. B. Riggleman
Phillips Coal Co.	Philips	2-22-15	W. B. Riggleman
Robinson Coal Co.	James	9- 7-15	W. B. Riggleman
Robinson Coal Co.	James	3-26-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	7-29-14	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	7-30-14	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	8- 3-14	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Morgan	8-28-14	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Morgan	1- 7-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	1-11-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	1-12-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	1-13-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Morgan	5-13-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	6-16-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	6-17-15	W. B. Riggleman
Virginia & Pittsburg Coal & Coke Co.	Kingmont	6-18-15	W. B. Riggleman
Whyel Coal Co.	No. 1	1-18-15	W. B. Riggleman
Whyel Coal Co.	No. 1	3-30-15	W. B. Riggleman
MARSHALL COUNTY			
Ben Franklin Coal Co.	Panama	10-24-14	W. B. Riggleman
Ben Franklin Coal Co.	Panama	1-22-15	W. B. Riggleman
Ben Franklin Coal Co.	Panama	1-22-15	F. E. Parsons
Elm Grove Coal Co.	Elm Grove	6- 8-15	W. B. Riggleman
Elm Grove Coal Co.	Elm Grove	6- 9-15	W. B. Riggleman
Glendale Coal Co.	Glendale	11-25-14	W. B. Riggleman
Wall Jno. D.	Edgewood	12-23-14	W. B. Riggleman
Hitchman Coal & Coke Co.	Hitchman	10-22-14	W. B. Riggleman
Hitchman Coal & Coke Co.	Hitchman	10-23-14	W. B. Riggleman
Kunz Bros. & Miller	Boggs Run	11-27-14	W. B. Riggleman
Mound Coal Co.	Shaft Mound	8-16-14	W. B. Riggleman
Mound Coal Co.	Shaft Mound	8-16-14	F. E. Parsons
Mound Coal Co.	Shaft Mound	10-20-14	W. B. Riggleman
Mound Coal Co.	Shaft Mound	1-19-15	F. E. Parsons
Mound Coal Co.	Shaft Mound	1-21-15	W. B. Riggleman
Mound Coal Co.	Shaft Mound	1-21-15	F. E. Parsons
Parrs Run Coal Co.	Parrs Run	8-15-14	W. B. Riggleman
Parrs Run Coal Co.	Parrs Run	8-15-14	F. E. Parsons
Parrs Run Coal Co.	Parrs Run	10-19-14	W. B. Riggleman
Parrs Run Coal Co.	Parrs Run	1-20-15	W. B. Riggleman
Parrs Run Coal Co.	Parrs Run	1-20-15	F. E. Parsons
OHIO COUNTY			
Creighton Coal Co.	Creighton	12-22-14	W. B. Riggleman
Richland Coal Co.	Richland	4-29-15	W. B. Riggleman
Richland Coal Co.	Richland	4-30-15	W. B. Riggleman
Storch Peter & Sons	Storch	12-23-14	W. B. Riggleman
Wheeling Steel & Iron Co.	Benwood	12-18-14	W. B. Riggleman
Wheeling Steel & Iron Co.	Benwood	6-11-15	W. B. Riggleman
Whitaker Glessner Co.	Carter	11-26-14	W. B. Riggleman
Whitaker Glessner Co.	Carter	6-10-15	W. B. Riggleman

INSPECTOR'S REPORT.

FAIRMONT, W. VA., August 16, 1915

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—As Inspector of Mines in the First District of West Virginia, I respectfully submit the following report of the condition and progress of the mines, for the year ending June 30, 1915.

This district embraces all of Marion, Marshall, Ohio, and Brooke Counties, and has a total of fifty-six mines.

I am pleased to report that I have received the hearty co-operation of the operators, mine officials and miners during the past year. There seems to be a well defined effort on the part of operators, miners and mine officials to enforce a more rigid method of discipline in the operation and development of the mines, more especially as to the safety and sanitary conditions of the mines. Ninety per cent. of the accidents are due to carelessness on the part of employees. A number of drivers have been fatally injured while riding the front end of trips.

Owing to the fact that my district was divided at the close of this year, I find that I will be able to give more attention to each mine, as my time will not be divided or scattered over as great a number of mines as before. This being the case I think we will be able to reduce the number of accidents in this district.

The Consolidation Coal Company are opening two additional mines in this district, by sinking shafts, which will be approximately five hundred feet in depth.

I am glad to say that in the discharge of my duties I have received courteous treatment from mine officials and miners, and I desire to extend to you my thanks for the advice and assistance that you have given me at all times.

Respectfully submitted,
W. B. RIGGLEMAN,
Inspector First District.

BROOKE COUNTY.

CLIFTON COAL COMPANY.

VIRGINVILLE.

No. 101. *Clifton No. 1*—Located on the Wabash Railroad six miles from Wellsburg, operating the Pittsburg Seam of Coal, which has a thickness of five and one half feet, with a slate roof and in some sections is bad, especially where there is draw slate varying in thickness from eight to eighteen inches, which has to be taken down or properly timbered to insure safety to the miners. Ventilation is produced by a twenty foot fan which furnishes sufficient air at the working faces. Drainage generally good. Coal is mined by electric chain machines with mule and electric haulage, blasted with black powder. Daily capacity of mine under normal conditions seven-hundred tons. Outside equipment, car-repair shop, drum house, incline and tipple, and power-house.

A. G. HUNT, *Superintendent,* D. J. THOMAS, *Mine Foreman.*
Virginville.

LA BELLE IRON WORKS.

STEUBENVILLE, OHIO.

No. 102. *La Belle Shaft.*—Located at Steubenville, Ohio. This shaft is one hundred and ninety-eight feet deep and the developments extend under the Ohio River into Brooke County West Virginia, operating the Upper Freeport Seam of coal which has a thickness of three feet and four inches with a slate and sand stone roof, which is generally good. Timbering generally good. Water handled by pumps, drainage good. Ventilated by sixteen foot Robinson Steam Fan. Coal is mined by electric chain machines and hauled exclusively by electric motors. Outside Equipment: Power from Steel Works Plant, 1000 ton Steel Bins, Vulcan Hoist Engines. During the year the system of mining has been changed from room and pillar to Long Wall System.

R. W. MCCASLAND, *Superintendent, Steubenville, Ohio.*

WILLIAM HOWCROFT, *Mine Foreman.*
WILLIAM YOUNG, *Mine Foreman.*
GEORGE HOLLIDAY, *Fireboss.*
HARRY FRYER, *Fireboss*

RICHLAND BLOCK COAL COMPANY.

WHEELING.

No. 103. *Beech Bottom.—Drift*—Located six miles south of Wellsburg, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of Coal, which has a thickness of five feet, with a slate roof which in some sections is of a dangerous character. The draw slate varies in thickness from eight to fifteen inches, and has to be taken down or properly timbered to insure safety. Drainage fairly good, in some sections considerable water. Timbering generally good. This mine is ventilated by two fans which gives good results. The coal is mined by electric chain machines, blasted with black powder, with mule and electric haulage. Capacity fifteen hundred tons daily. During the past year a new Incline Plane has been installed, two new motors, two new chain machines. The mine laws are generally complied with.

J. P. LEONARD, *Superintendent, Wheeling.*

WM. BORING, *Mine Foreman.*

W. M. WAGNER COAL COMPANY.

WELLSBURG.

No. 104. *Washington Pike—Drift.*—Located on Washington Pike one and one-half miles from Wellsburg, operating the Pittsburg No. 8 Seam of coal which has a thickness of five feet. The entire production of this mine is consumed by local trade, delivered by teams. Roof is of a dangerous character requiring careful attention daily to insure safety to the miners. Timbering fairly good. Drainage good. Coal is mined by pick, blasted with black powder, hauled to tipple by string team. Natural ventilation which furnshes sufficient volume for the men employed inside the mine. No gas being liberated in this mine; open lights are used.

W. M. WAGNER, *Superintendent and Mine Foreman, Wellsburg.*

WEST VIRGINIA PITTSBURG COAL COMPANY.

COLLIERS.

No. 105. *Locust Grove No. 1—Drift*—Located two miles south of Collier Station on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of Coal, which has an average thickness of five feet. The roof is of slate and in some sections is of a dangerous character, especially where the upper slate varies in thickness from six to ten inches, which must be taken down or properly timbered to insure safety to miners. Track is put in center of rooms, two and three rows of props are set up along each side of track. This mine is generally wet on account of surface conditions, and local dips. Ventilation is produced by two fans and is generally good. The coal is principally mined by electric chain machines with mule and electric haulage. Black powder is chiefly used for blasting the coal. The capacity of the mine under normal conditions is approximately fifteen-hundred tons per day. This is a coaling station for the P. C. C. & St. L. Railroad and a large amount of the production is used for coaling the engines. The outside equipment consists of fan-house, power-house, car-repair shop, and tipple. The mining laws are generally observed.

R. Z. VIRGIN, *Superintendent,* S. T. STEPHENS, *Mine Foreman.*
Colliers.

WEST VIRGINIA PITTSBURG COAL COMPANY.

WELLSBURG.

General Office Fricke Bldg., Pittsburg, Pa.

No. 106. *Gilchrist No. 3—Drift*—Located three miles north of Wellsburg, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of coal which has a thickness of five feet, with a slate roof, which in some sections is of a dangerous character, especially where the draw slate varies in thickness from six to eighteen inches, which has to be taken down and properly timbered to insure safety. Timbering is generally good. In some sections there is considerable water to contend with. Drainage generally good. Ventilation is produced by means of a five foot fan which furnishes sufficient air to give proper system of ventilation. Coal is mined by electric chain machines. Black powder is used to blast the coal. Capacity of mine five hundred tons per day. Haulage system consists of mule and electric motors. Power is obtained from the Street Railway Company. Coal is dropped down an eleven-hundred foot incline to tipple.

J. A. SMITH, *Superintendent and Mine Foreman.*
W. D. MCCAUSLAND, *Assistant General Superintendent.*

WEST VIRGINIA PITTSBURG COAL COMPANY.

WELLSBURG.

No. 107. *La Belle No. 4—Drift*—Located at Wellsburg, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of coal which has a thickness of five feet. The roof is slate and in some sections is bad, especially where there is a draw slate which must be taken down or carefully timbered to insure safety. Timbering generally good. Drainage fairly good. Ventilated by a five foot fan set inside of mine. The coal is mined by electric chain machines, blasted with black powder, with mule and electric haulage, electric power being furnished by the Electric Street Ralway Company, five hundred voltage. Daily capacity four hundred ton. Outside equipment drum-house, car-repair shop, twelve hundred foot incline to tipple. This mine has been well looked after and mining laws generally complied with.

SAM MCMAHON, ***Superintendent,*** W. D. MCCAUSLAND, ***Assistant***
Wellsburg. *General Manager.*
JOHN T. MCMAHON, *Mine Foreman.*

HARRISON COUNTY.

MONONGAH FUEL COMPANY.

MONONGAH, R. F. D. 8.

No. 108. *Galihue—Drift*—Located on Coon's Run three miles south of Everson on a branch of the M. R. Division of the B. & O. R. R., operating the Pittsburg seam of coal on the double entry system. Coal is mined with pick and blasted with black powder, hauled to the tipple by string teams. Roof is unsound in some sections and requires careful timbering to insure safety to the miners. Timbering generally good. During the past year there has been a ditch cut through this mine for the purpose of drainage which has given good results. Ventilation is produced by natural means, also by furnace. No gas liberates in the mine and no dust of a dangerous character is found. Capacity of this mine under normal conditions is four hundred tons. Outside equipment blacksmith shop and tipple.

DAVE VICTOR, *Manager and Superintendent, Fairmont.* B. G. ASH, *Mine Foreman.*

MARION COUNTY.

J. J. BUTTERMORE COAL COMPANY.

CATAWBA.

No. 109. *Elizabeth—Drift*—Located one-half mile north of Montana on the Connellsville branch of the B. & O. Railroad, operating the Pittsburg seam of coal, which has a thickness of eight feet. Undercutting is done with picks, blasting with black powder, haulage to incline with string teams. The entire production of this mine consists of pillar coal. The roof is unsound and requires careful timbering to insure safety to the miners. Timbering generally good. Drainage reasonably good. This mine has natural ventilation which is good owing to the elevation and the crop openings. Capacity under normal conditions is one hundred tons daily. This mine is well managed, in good condition and operated in compliance with the state mine law.

GEORGE T. RODEHEAVER, *Superintendent, and Mine Foreman, Catawba.*

CATAWBA COAL COMPANY.

CATAWBA.

No. 110. *Catawba No. 1—Drift*—Located at Catawba on the Connellsville Branch of the B. & O. R. R., operating the Pittsburg seam of coal, which has a thickness of seven feet. Undercutting is done with picks, haulage is made with string teams to top of incline. Natural ventilation is good owing to favorable elevation between main intake and return, also timbering and drainage is good. Open lights are used. Capacity one hundred tons daily under normal conditions. Outside equipment, drum and incline.

J. J. BUTTERMORE, *Assistant General Superintendent.* U. G. SWISHER, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

(General Offices, Fairmont.)

No. 111. *Consolidation No. 22—Drift*—Located on the M. R. Branch of the B. & O. Railroad at Monongah, operating the Pittsburg seam of coal on the double entry system, which has a thickness of seven feet. Undercutting is done by pick and electric chain machines, blasted with black powder, haulage consists of mule, electric and rope. Shot firing directed by mine foreman. Roof is unsound in some sections and requires careful timbering to insure safety to the miners. Timbering good and carefully attended to. Drainage good, water handled by ditches and pumps. Ventilation is produced by a sixteen-foot fan which furnishes ample ventilation, distribution is good throughout the mine. Capacity daily nineteen hundred and forty-five tons. Outside equipment: Car and Blacksmith Shop, fan-house, sub-station, tipple, etc. This mine is in good condition, and mining laws fully complied with.

H. H. WATSON, *Manager, Fairmont.* CHARLES STRICKLER, *Mine Foreman.*
G. E. PEDDICORD, *Superintendent, Monongah.*

CONSOLIDATION COAL COMPANY.

MONTANA.

(General Offices, Fairmont.)

No. 112. *Consolidation No. 24—Drift*—Located at Montana on the Connelsville Branch of the B. & O. R. R., operating the Pittsburg seam which has a thickness of seven feet. The coal is mined on the double entry system with pick and electric chain machines, a large percentage of pillar coal being mined. Electric motors and endless rope delivers the coal to the tipple. Coal is blasted with black powder and permissible explosives. Shot firing is done under the direction of the mine foreman. The roof is of a dangerous character and requires careful timbering to insure safety to the miners. Timbering good. Considerable water in sections of the mine which is handled by pumps, drainage good. Ventilation produced by a twenty-foot reversible fan, which furnishes sufficient volume, distribution to working faces good. No explosive gas liberating, open lights are used, mostly carbide lamps. Coal dust is loaded out as far as practicable and what little remains is thoroughly wetted down by forcing exhaust steam into the intake air. Capacity seven hundred tons daily. The safety of the employees is well looked after. The mine is operated in compliance with the mine law.

H. H. WATSON, *Manager*, WALTER ROWE, *Mine Foreman.*
Fairmont.
R. E. GARRETT, *Superintendent*,
Fairmont.

CONSOLIDATION COAL COMPANY.

WATSON.

(General Offices, Fairmont.)

No. 113. *Consolidation No. 26—Drift*—Located at Watson on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal, which has a thickness of seven feet. Mined on the double entry system, a large percentage of the coal being mined from pillars. Undercutting is done by pick and electric chain machines, blasted with permissible explosive, haulage consists of mule and electric motors. Roof is unsound in sections and requires careful timbering to insure safety to the miners. Timbering and drainage good, water handled by pumps. Ventilation is produced by a twenty-foot reversible fan, furnishing ample ventilation throughout the mine. Every precaution is taken to prevent accumulation of coal dust. A few of advanced faces liberate small quantities of gas which is diluted by keeping the ventilating current up to the working faces. Competent fire-bosses are employed. Open lights are used, mostly carbide lamps. The officials of this mine use every available means to protect their employees from accidents. This mine is in good condition, the requirements of the mining law being fully complied with in every particular. The capacity of this mine is fourteen hundred and sixty-five tons daily.

H. H. WATSON, *Manager*, W. J. DAVIS, *Mine Foreman.*
Fairmont. LEWIE LEWIS, *Fire Boss.*
J. C. RIGGINS, *Superintendent*, W. J. MOORE, *Fire Boss.*
Fairmont.

CONSOLIDATION COAL COMPANY.

MIDDLETON.

(General Offices, Fairmont.)

No. 114. *Consolidation No. 28—Drift*—Located at Middleton on the M. R. Branch of the B. & O. R. R. This mine is closed and has not been in operation for the past year.

H. H. WATSON, *Manager*,
Fairmont, W. Va.

CONSOLIDATION COAL COMPANY.

MIDDLETON.

(General Offices, Fairmont.)

No. 115. *Consolidation No. 36—Drift*—Located at Middleton on the M. R. Branch of the B. & O. R. R., operating the Pittsburg seam of coal which has a thickness of seven feet, worked on the double entry system. The mine is on the retreat, a large percentage of pillar coal has been recovered. Undercutting of coal is done with picks and electric chain machines, blasted with black powder, haulage consists of mule and electric motors, blasting of the coal is directed by the Mine Foreman and his Assistants. Copper tamping bars and needles are used throughout the mine. Timbering has received very careful attention on account of unsoundness of the roof in several sections of the mine. Drainage is good, water handled by pumps. A twelve foot diameter fan produces the necessary ventilation. No explosive gases are liberated, and open lights are used, mostly carbide lamps. Capacity seven hundred and ten tons daily. Outside equipment: Fan-house, Blacksmith and Car Repair Shop, and Tipple. The requirements of the mining law are fully complied with and the mine is in good condition.

H. H. WATSON, *Manager*, *Fairmont.*	J. O. DAVIS, *Mine Foreman.*
RUSH MILLER, *Superintendent*, *Middleton.*	GEO. BUCY, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

FAIRMONT.

(General Offices, Fairmont.)

No. 116. *Consolidation No. 38—Shaft*—Located at Barnsville on the Grafton & Wheeling Division of the B. & O. Railroad, operating the Pittsburg seam of coal, which has a thickness of seven feet, worked on the double entry system. A large percentage of the coal is mined from pillars. Undercutting is done by pick and electric chain machines, blasting with permissible explosives, haulage consists of mule, electric motor, and rope. The roof is unsound in sections and requires very careful timbering to insure safety to the miners. Timbering generally good throughout the mine. Considerable water in dip sections which is handled by pumps, drainage good. Ventilation is produced by a twenty-foot fan, which furnishes sufficient volume, distribution good throughout the working faces. Explosive gases liberated in small quantities at a few of the advanced working faces which are rendered harmless by the ventilation. Open lights are used, mostly carbide lamps. Coal dust is not allowed to accumulate and what little remains after being loaded out is kept thoroughly wet by injecting exhaust steam into the intake air. There is an air-shaft on Buffalo Creek to improve the ventilation which has an iron stairway in it to provide an escape way for the inside employees. The shaft bottom has been improved during the past year by steel timbering. Capacity nine hundred and seventy tons daily. A chemical fire engine is kept at the bottom of shaft for inside mine fire protection. Precautionary measures are used by officials to protect employees against accidents. This mine is well managed and operated in compliance with the mining law.

H. H. WATSON, *Manager*, *Fairmont.*	GENTS RADTKA, *Mine Foreman.*
	ALEC THORN, *Asst. Mine Foreman.*
J. C. RIGGINS, *Superintendent*, *Fairmont.*	JOHN JACK, *Asst. Mine Foreman.*
	WALTER GRIFFITH, *Fire Boss.*
	W. H. KNIGHT, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

(General Offices, Fairmont.)

No. 117. *Consolidation No. 43—Slope*—Located at Monongah on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of Coal, which has a thickness of seven and one-half feet. Being operated on the double entry system, a large percentage of coal is mined from pillars. The coal is undercut with pick and electric chain machines, blasted with permissible explosives, hauled to railroad by electric motors and tail-rope. Roof is unsound in sections and requires careful timbering to insure safety to miners. Timbering is good and carefully looked after. Drainage good, water handled by pumps. Ventilation is produced by a twenty-foot reversible fan, which furnishes sufficient volume and distribution is good. Explosive gases are liberating but are diluted by ventilation. Analysis of the mine air is made periodically by the company. Open lights are used, mostly carbide lamps. Coal dust is loaded out as far as practical, and what remains is properly wetted by injecting steam into the in-take air. An airshaft has been sunk at the interior of the workings for the purpose of improving the ventilation, and to provide an additional way of escape to inside employees in case of an emergency. Capacity thirteen hundred and ninety tons daily. Outside equipment: Brick fan-house, Car and Blacksmith Repair Shop, Tipple, etc. This mine is in good condition, well managed and operated in compliance with the mining laws.

H. H. WATSON, *Manager,* *Fairmont.*	JOE GREEN, *Mine Foreman.*
	WM. LEONARD, *Asst. Mine Foreman.*
G. E. PEDDICORD, *Superintendent.* *Monongah.*	DAN THOMAS, *Fire Boss.*
	ED. BROWN, *Fire Boss.*
	WM. MYERS, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

SCOTTDALE.

(General Offices, Fairmont.)

No. 118. *Consolidation No. 45—Drift*—Located at Scottdale on the Connellsville branch of the B. & O. R. R., operating the Pittsburg seam of coal which has a thickness of seven feet. Mined on the double entry system, underentting of coal is done by pick and electric chain machines, blasting with black powder, haulage consists of mule and endless rope. Shot firing is directed by the mine foreman. Roof is unsound in sections and requires careful timbering to insure safety to the miners. Timbering and drainage good. Open lights are used, mostly carbide lamps. This mine is on the retreat and consists of pillar coal. Natural ventilation is good owing to favorable elevation and many crop openings. Capacity five hundred tons daily. This mine is being carefully looked after and operated in compliance with the state mining laws.

H. H. WATSON, *Manager,* *Fairmont.*	C. E. SWISHER, *Mine Foreman.*
WM. HESS, *Superintendent,* *Scottdale.*	

CONSOLIDATION COAL COMPANY.

MIDDLETON.

(General Offices, Fairmont.)

No. 119. *Consolidation No. 47—Drift*—Located at Middleton on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal which has a thickness of seven feet, and is worked on the double entry system. Undercutting is done with pick and electric chain machines, blasted with permissible explosives, hauled to railroad by electric motors. Shot firing is directed by Mine Foreman and Assistants. No gas is being liberated in mine, a competent fire-boss is employed to inspect mine on account of nearby gas wells. Roof is bad in sections and requires careful timbering to insure safety to miners. Timbering is good and well looked after. Drainage fairly good, water handled by pumps. Open lights are used, mostly carbide. Ventilation is produced by a ten foot reversible fan, steam connected and is forcing the air. No accumulation of coal dust is allowed, it being loaded out and what little remains is thoroughly wetted by injecting exhaust steam into the intake air. Capacity of mine daily thirteen hundred and thirty tons. This mine is connected underground with Consolidation No. 49 at Enterprise, the tipple at Mine No. 47 being used exclusively for dumping the coal. This mine is in very good condition, well managed and the law fully complied with.

H. H. WATSON, *Manager,* *Fairmont.*	L. E. HENDERSON, *Mine Foreman.*
	JASPER L. MILLER, *Asst. Mine Foreman.*
RUSH MILLER, *Superintendent,* *Middleton.*	C. D. WERNER, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

(General Offices, Fairmont.)

No. 120. *Consolidation No. 53—Drift*—Located at Monongah on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal, which has a thickness of seven feet, worked on the double entry system. Mined by pick and electric chain machines, mule and electric haulage, blasted with black powder. Roof is of a dangerous character and requires careful timbering to insure safety to the miners. Timbering generally good. Drainage fairly good, water handled by pumps.

Ventilation is produced by two fans which furnishes sufficient ventilation, distribution to working faces good. This mine has been idle for the past six months.

H. H. Watson, *Manager*,
Fairmont.
G. E. Peddicord, *Superintendent*,
Monongah.
Chas. Strickland, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

Watson.

(General Offices, Fairmont.)

No. 121. *Consolidation No. 56—Slope*—Located at Watson on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal, which has a thickness of seven feet. Worked on the double entry system, mined by pick and electric chain machines, blasting is done with permissible explosives, hauling by electric motors to main turnout and thence to railroad with tail rope. Roof is unsound in sections and requires careful timbering to insure safety to the miners. Timbering generally good, and well looked after. Drainage reasonably good, water handled by pumps. A thirteen foot diameter blow fan produces ample ventilation to render gases which are liberating harmless. Capacity twelve hundred tons daily. This mine is idle and has been the greater part of the year.

H. H. Watson, *Manager*,
Fairmont.
H. B. Crane, *Superintendent*,
Fairmont.
Frank H. Brooks, *Mine Foreman.*
J. E. Trickett, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

Middleton.

(General Offices, Fairmont.)

No. 122. *Consolidation No. 59—Drift*—This mine is located at Middleton on the M. R. Branch of the B. & O. R. R., operating the Pittsburg seam of coal, which has a thickness of seven feet. All coal mined is from pillar workings. Undercutting is done with picks, blasting with black powder, haulage consists of mule and electric motors. The roof is unsound and requires very careful timbering to insure safety to miners. Timbering and drainage good, and well looked after. No gases are liberating. Open lights are used, mostly carbide lamps. Ventilation is produced by a seven foot fan which furnishes ample ventilation throughout the mine. Daily capacity one hundred tons. The requirements of the mining law are fully complied with.

H. H. Watson, *Manager*,
Fairmont.
Rush Miller, *Superintendent*,
Middleton.
J. O. Davis, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

Monongah.

(General Offices, Fairmont.)

No. 123. *Consolidation No. 63—Drift*—Located at Monongah on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal which has a thickness of seven feet. Worked on the double entry system. A large percentage of coal is mined from pillars. The undercutting is done by electric chain machines and picks, blasting with permissible explosives, hauling by electric motors. Competent shot firers are employed. The roof is unsound in sections and requires careful timbering to insure safety to miners. Timbering good and well looked after. Considerable water in some sections of mines which is handled by pumps. Drainage good. Ventilation is produced by a twenty-foot reversible fan which is forcing the air. Advanced working faces liberate a small quantity of gas but sufficient volume of air is circulated around faces to prevent accumulation of gases. This mine is well and carefully looked after, and mine officials are at all times willing to comply with mining laws. Capacity sixteen hundred and ninety tons daily. Open lights are used, mostly carbide lamps. Outside equipment: Fan-house, Sub-Station, Non-combustible magazine, and tipple.

H. H. WATSON, *Manager,*
Fairmont.
G. E. PEDDICORD, *Superintendent,*
Monongah.

S. S. DAVIDSON, *Mine Foreman.*
J. L. MARTIN, *Asst. Mine Foreman.*
S. J. BOEYDOH, *Fire Boss.*
CHARLES KING, *Fire Boss.*
LONNIS LEESON, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

HUTCHINSON.

(General Offices, Fairmont.)

No. 124. *Consolidation No. 67—Slope*—Located at Hutchinson, on the M. R. Branch of the B. & O. R. R. This mine is closed and has not been in operation in the past year.

H. H. WATSON, *Manager,*
Fairmont.

CONSOLIDATION COAL COMPANY.

EVERSON.

(General Offices, Fairmont.)

No. 125. *Consolidation No. 68—Drift*—Located at Everson on the M. R. Branch of the B. & O. R. R., operating the Pittsburg seam of coal which has a thickness of seven feet. Mined on the double entry system. This mine is on the retreat, pillar coal being mined exclusively. Undercutting is done with pick and blasting with black powder. Haulage consists of mule and gasoline motor to mine opening, from there with rope to tipple. The roof is unsound in sections and requires careful timbering to insure safety to miners. Timbering good and well looked after. Drainage fairly good. Ventilation is furnished by a twelve-foot fan which is forcing the air, furnishing ample ventilation throughout the mine. No gases are liberated. Open lights are used, mostly carbide lamps. Capacity two hundred and ninety-five tons daily. All precautions are taken to prevent accidents to employees, discipline is maintained and the requirements of the mine laws are complied with.

H. H. WATSON, *Manager,*
Fairmont.
RUSH MILLER, *Superintendent,*
Middleton.

E. L. GRIFFITH, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

MIDDLETON.

(General Offices, Fairmont.)

No. 126. *Consolidation No. 82—Drift*—Located at Chiefton, operating the Pittsburg Seam of coal which has a thickness of seven feet. This is a very small mine employing from one to two miners and does not come under the jurisdiction of the Department of Mines. The entire output is used for domestic purposes.

H. H. WATSON, *Manager,*
Fairmont.

CONSOLIDATION COAL COMPANY.

HUTCHINSON.

(General Offices, Fairmont.)

No. 127. *Consolidation No. 84—Slope*—Located at Hutchinson on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam of coal which has a thickness of seven feet, is mined on the double entry system, with electric chain machines, blasted with permissible explosives, hauled by electric motors to bottom of slope, and thence to the railroad by tail-rope. Roof, timbering, and drainage are good. A twenty-foot blow fan provides ample ventilation. Gases are being liberated but are diluted and rendered harmless by ventilation. Competent fire-bosses are employed. Open lights are used. Steam is injected into the intake air for moistening the coal dust that remains after it has been loaded out. Every precaution is taken by the officials to protect their employees from accidents. Daily capacity of this mine under normal conditions, fourteen hundred and twenty tons. Outside equipment: Steel Tipple, Blacksmith, and Car Repair shop, Large Brick Supply House, Sub-station, etc. The condition of this mine is good, being well managed and in every respect operated in compliance with the mining law.

H. H. WATSON, *Manager,* *Fairmont.*	P. C. VERNON, *Mine Foreman.*
K. D. BAILEY, *Superintendent,* *Hutchinson.*	M. L. JETT, *Fire Boss.*
	G. A. BROOKS, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

WATSON.

(General Offices, Fairmont.)

No. 128. *Consolidation No. 85—Drift*—Located at Watson on the M. R. Branch of the B. & O. Railroad, operating the Sewickley seam of coal which has a thickness of six feet. Coal is mined by pick, blasted with black powder, hauled to boiler house by mule. The entire production of this mine is consumed by boiler house which operates fan for Consolidation Mine No. 26. This mine is ventilated by two-foot disc fan which furnishes sufficient ventilation for the men employed. Roof is unsound in sections and requires careful timbering to insure safety to miners. Timbering and drainage good. Capacity eight tons daily. No explosive gases are liberated, open lights are used. This mine does not employ sufficient number of men to operate under the jurisdiction of the state mining law.

H. H. WATSON, *Manager,* *Fairmont.*	W. J. DAVIS, *Mine Foreman.*
J. C. RIGGIN, *Superintendent,* *Fairmont.*	

DAKOTA COAL & COKE COMPANY.

DAKOTA.

No. 129. *Dakota No. 2—Shaft*—Located at Dakota, two miles north of Fairmont, on the Paw Paw Branch of the B. & O. R. R. Depth of shaft is 194 feet. Operating the Pittsburg seam of coal which has a depth of eight and one-half feet. Compressed air punchers are used for undercutting the coal, blasted with permissible explosives, haulage consists of mule and rope. Roof requires careful attention and timbering is good. Ventilation is produced by a twelve-foot fan which furnishes sufficient volume if properly distributed. Considerable water in abandoned sections, drainage good in working faces. Locked safety lamps are used exclusively. Capacity one thousand tons daily. No fatal accidents have occured at this mine during the past year largely due to precautions exercised by officials and employees. There have been a number of solid and serviceable stoppings and overcasts constructed during the past year. Also inside stable is well under construction in complance with the recent mining law. Outside equipment: Compressor, Hoisting Engine, Tipple, 4 Boilers. During the year the following improvements have been made, new lamp house, two new boilers, new track, R. R. Fuel Conveyor.

A. A. McDONALD, *Superintendent.* *Fairmont.*	W. H. MYERS, *Mine Foreman.*
H. K. KNOPF, *Assistant General Supt.* *Pittsburg, Pa.*	J. C. RICHARDSON, *Fire Boss.*

FAIRMONT & CLEVELAND COAL COMPANY.

RIVESVILLE.

No. 130. *Parker Run—Drift*—Located one and one-fourth miles north of Rivesville, on the B. & O. R. R. and Monongahela Railway, operating the Sewickley seam of coal, which is six feet in depth and of good quality. It is mined on the double entry system, undercutting is done with electric chain machines blasted with black powder and haulage consists of mule and electric motors. Roof, timbering, and drainage is good. Ventilation is produced by a seven-foot electric connected fan, which furnishes sufficient ventilation, and distribution is good. Capacity nine hundred tons daily under normal conditions. During the past year there have been installed: one new fan, electric haulage, and sub-station. Outside equipment, tipple, stable, blacksmith's shop, and miners houses.

C. E. Gaskill, *Superintendent,*
Rivesville.
Hayes Gaskill, *Mine Foreman.*

FEDERAL COAL & COKE COMPANY.

Grant Town.

No. 131. *Federal No. 1—Shaft*—Located at Grant Town, on the Paw Paw Branch of the B. & O. Railroad, operating the Pittsburg Seam of coal, which has a depth of eight feet. Roof is of a dangerous character and requires careful timbering to insure safety to miners. Timbering generally good. This mine has considerable water in some sections, which is handled by pumps. Drainage generally good. Ventilation is produced by two fans eight and seventeen-foot Robinsons, which furnishes sufficient ventilation; distribution is good throughout the mine. Coal is mined by compressed air machines and picks, haulage consists of mule, electric and compressed air motors. Coal is blasted exclusively with permissible powder. Capacity under normal conditions is three thousand tons daily. During the past year there has been installed in the power house one Ingersoll-Rand compressor of five thousand feet capacity, a new Robinson fan seventeen feet by four feet with a capacity of two hundred and seventy-five cubic feet per minute. There has just been completed a water purification plant to be used in purifying the water from the creek for boiler water, and for domestic use. There has also been installed a complete set of safety apparatus for mine rescue work. There has recently been completed the drillings of four bore holes to tap the excavations caused by the removal of pillars on the West side. These holes keep the mine workings supplied with a liberal amount of water and reduce the percentage of CH_4 in the ventilation. There is under construction an air shaft on Finches Run, to tap the workings of the mine, and to improve the ventilation, and to insure additional escape way in case of an emergency. There have also been constructed a number of solid and serviceable stoppings and overcasts. There is being constructed a stable which will be built of fire-proof material in compliance with the recent mining law.

J. L. Richards, *President,*
111 Devonshire St., Boston, Mass.
J. W. Devison, *Superintendent,*
Grant Town.
James McKenny, *Mine Foreman.*
James Dulin, *Asst. Mine Foreman.*

Ed. Winning, *Safety Insp.*
Harry Nichols, *Fire Boss.*
Manus Currn, *Fire Boss.*
Henry Hines, *Fire Boss.*
Mat Connors, *Fire Boss.*
Ed. Barber, *Fire Boss.*

FOUR STATES COAL & COKE COMPANY.

Worthington.

No. 132. *Annabelle No. 1—Shaft*—Located four miles west of Worthington, on the M. R. Branch of the B. & O. R. R., operating the Pittsburg seam of coal which has a thickness of eight feet. Slate roof, which is of a dangerous character where head coal is not left up to protect it, requires careful timbering to insure safety to the miners. Timbering of this mine is carefully attended to. Drainage generally good, water handled by pumps. Ventilated mechanically by steam driven blowing fan. Capacity twenty-five hundred tons daily. Coal is undercut by compressed air mining machines, permissible explosives are used, haulage consists of compressed air motors. Outside equipment, brick and concrete hoisting engine house, boiler house, compressor house and fan building, all under one roof. Structural Steel Tipple. Locked-safety lamps are used exclusively.

W. J. Wolf, *Superintendent,*
Worthington.
Samuel Hale, *Mine Foreman.*

George Stannard, *Fire Boss.*
John Acton, *Fire Boss.*
John Russell, *Fire Boss.*
T. T. Hay, *Fire Boss.*
Luke Rogers, *Fire Boss.*

HARRY B. COAL COMPANY.

EVERSON.

No. 133. *Junior—Drift*—Located one mile south of Everson, on the M. R. Branch of the B. & O. R. R., operating the Pittsburg seam of coal which has a thickness of eight feet. Mined with picks on the double entry system, blasting is done with black powder under the direction of the Mine Foreman. The coal is hauled with string teams to the tipple at the railroad. The roof is unsound in some sections of the mine, requiring careful timbering to insure safety of the miners. Timbering and drainage are good. This mine is ventilated by a six-foot fan which furnishes ample ventilation, distribution fairly good throughout the mine. Capacity of this mine under normal conditions four hundred tons. Outside equipment, fan-house, blacksmith shop, and tipple. This mine is in good condition and operated in compliance with the mining law.

HARRY B. CLARK, *Gen. Manager, Fairmont.*
J. A. CLARK, JR., *Superintendent, Fairmont.*
H. C. SAUNDERS, *Mine Foreman.*

JAMISON COAL & COKE COMPANY.

BARRICKSVILLE.

No. 134. *Jamison No. 7—Shaft*—Located one and one-half miles west of Barracksville, on the Grafton and Wheeling Division of the B. & O. Railroad, operating the Pittsburg Seam of coal, which has a thickness of eight and one-half feet. The roof is of a dangerous character and requires careful timbering to insure safety to the miners. Timbering is generally well looked after. This mine is inclined to be dry and dusty if not loaded out and places kept thoroughly wet. Ventilated by two ten-foot electric fans, exhausting the air. Coal is mined by electric chain machines and compressed air machines, haulage of mine consists of mule, electric, and air motors. Permissible explosives are used exclusively. Daily capacity three thousand tons.

Improvements during the past year consist of two new electric motors, two chain machines, a number of solid and serviceable stoppings, and over casts have been constructed in this mine. Outside equipment: 4 400 H. P. Boilers, 1 300 and 2 250 KW Generators, 3 Air Compressors, 1 well equipped Machine and Car Repair Shop, 1 Hoisting Engine for Coal, 1 Hoisting Engine for employees and material, 1 Modern Picking Table, Tipple, etc.

JOHN M. WOLFE, *Assistant Gen. Superintendent, Fairmont.*
EDWIN WILLIAMS, *Superintendent, Barracksville.*
M. E. QUENON, *Mine Foreman.*
A. MURPHY, *Fire Boss.*
LEE SEATON, *Fire Boss.*
I. N. BALES, *Fire Boss.*

JAMISON COAL & COKE COMPANY.

FARMINGTON.

No. 135. *Jamison No. 8—Shaft*—Located at Farmington, on the B. & O. Railroad, operating the Pittsburg Seam of Coal, which has a thickness of eight feet. The roof is of a dangerous character and requires careful timbering to insure safety to the miners. Timbering is generally good. This mine is inclined to be dry and dusty if not loaded out and places kept thoroughly wetted. Ventilated by one twenty-four foot fan, and one twenty-two-foot fan, which furnishes sufficient ventilation if properly distributed, exhausting the air. Coal is mined by electric chain machines and compressed air machines, haulage of mine consists of mule, electric and air motor. Permissible explosives are used exclusively. Daily capacity twenty-five hundred tons. Improvements during the year consists of two fifteen-ton electric motors, and two eight-ton electric motors, two chain machines, also a number of solid and serviceable stoppings, and over-casts. Outside equipment consists of: 8 300 H. P. Boilers, 1 300 KW Generator, 4 Air Compressors, 1 Hoisting Engine for Coal, 1 Hoisting Engine for employees, 1 Modern Equipped Machine and Car Shop, Tipple, Coal Washer, 115 Coke Ovens.

JOHN M. WOLFE, *Assistant Gen. Superintendent, Fairmont.*
W. A. GADD, *Superintendent.*
F. C. HOUT, *Mine Foreman.*
EDWARD CAPER, *Fire Boss.*
R. HALL, *Fire Boss.*
FRANK BROWN, *Fire Boss.*
W. R. EVANS, *Fire Boss.*

JAMISON COAL & COKE COMPANY.

FARMINGTON.

No. 136. *Jamison No. 9—Shaft*—Located two miles north of Farmington, on a Branch line of The B. & O. R. R., on the Grafton & Wheeling Division, operating the Pittsburg Seam of coal, which is eight and one-half feet in depth. The coal is mined on the double entry system undercut with compressed air pumps, blasted with permissible explosive and haulage consists of mule and compressed air motors. The roof is of a dangerous character, requiring careful timbering daily to insure safety to miners. Timbering generally good. This mine is inclined to be dry but exhaust steam is injected into the intake air current, which keeps the working places fairly well moistened. Ventilation is produced by one twenty-three-foot fan which makes sufficient volume if properly distributed. Capacity twenty-five hundred tons daily. Improvements in the last year are brick and concrete arches at bottom of shaft, also a number of solid and serviceable stoppings and over-casts have been constructed.

Outside equipment: 4 300 H. P. Boilers. 4 150 H. P. Boilers, 1 65 KW. Generator, 5 Air Compressors, 1 Hoisting Engine for Coal, 1 Hoisting Engine for employees and material, 1 Modern equipped machine and Car Shop, Tipple.

JOHN M. WOLFE, *Assistant Gen. Superintendent, Fairmont.*
P. D. COSTELLO, *Superintendent, Farmington, W. Va., R. F. D. 2.*
WILLIAM BRIDGE, *Mine Foreman.*
JOHN OLDROYD, *Fire Boss.*
JOHN DURKEE, *Fire Boss.*
M. L. LEEPER, *Fire Boss.*
E. C. MILLER, *Fire Boss.*

LAMBERT RUN COAL COMPANY.

FAIRMONT.

No. 137. *James—Drift*—Located two miles east of Fairmont, on the Grafton division of the B. & O. Railroad, operating the Pittsburg seam of coal, which varies in thickness from five to seven feet. Slate roof which is of a dangerous character and requires careful timbering to insure safety to miners. Timbering generally good and well looked after. Drainage is bad in places owing to surface conditions. Cutting of coal is done with picks, blasted with black powder, hauled with string teams to incline. Natural ventilation which is sufficient owing to the elevation and crop openings. Outside equipment, incline, drum-house, and tipple. Capacity 150 tons daily.

CLARENCE D. ROBINSON, *Gen. Manager, Fairmont.*
PETE HARKER, *Superintendent and Mine Foreman, Fairmont.*

McCOY COAL COMPANY.

FAIRMONT.

No. 138. *McCoy—Slope*—Located on Coal Run at Fairmont, operating the Pittsburg Seam of coal. The entire product of this mine is consumed by local trade, delivered by teams. Thickness of seam seven feet. Roof and timbering good. Coal is mined with picks blasted with black powder hauled to tipple by tail-rope. Drainage good, water handled by pump. Natural ventilation which furnishes sufficient volume for the number of men employed inside the mine. Capacity of mine under normal conditions forty tons. No gas being liberated in this mine, open lights are used, mostly carbide lamps. Mining laws are generally complied with.

E. McCOY, *Manager and Superintendent. Fairmont.*
J. J. FARRELL, *Mine Foreman.*

NEW CENTRAL COAL COMPANY.

BAXTER.

No. 139. *Stafford Shaft*—Located at Baxter, on the Paw Paw branch of the B. & O. Railroad, operating the Pittsburg seam of coal on the double entry system, which has a thickness of eight feet. Undercutting is done by compressed air machines and pick, blasted by permissible explosive, hauled to the shaft bottom by compressed air motors. Roof is of a dangerous character and requires careful timbering to insure safety to miners. Timbering is good and carefully looked after. Drainage good, very little water in mine, which is handled by pumps. Ventilation is produced by a sixteen-foot reversible fan, which furnishes sufficent volume of air. Capacity under normal conditions, twelve hundred tons daily. Outside equipment: compressed air plant, boiler house, supply house, hoisting engine, fan-house constructed of incombustible material. Locked safety lamps are used exclusively in this mine. The officials have been fortunate in not having to report loss of life during the past year, which in a large measure is due to care exercised by officials and employees. This mine is in good condition, and the requirements of the law are complied with.

DUNCAN SINCLAIR, *Gen. Manager,*
Fairmont.
C. C. MORFITT, *Superintendent,*
Baxter.
THOMAS GLEASON, *Mine Foreman.*
STEVE SANDOR, *Asst. Mine Foreman.*
JOHN HORYNACK, *Fire Boss.*
LARNEY DEAN, *Fire Boss.*
THOMAS SMITH, *Fire Boss.*

PHILLIPS COAL COMPANY.

FAIRMONT.

No. 140. *Phillips—Drift*—Located at Bentons Ferry, on the Grafton & Wheeling Division of the B. & O. R. R., operating the Pittsburg seam of coal, which has a thickness of seven feet, and is mined on the double entry system. Coal is mined with picks, blasted with black powder, haulage consists of string teams to upper terminal of an aerial bucket line, thence by the latter conveyed to railroad. The roof is unsound in sections and requires careful timbering to insure safety to the miners. Timbering, drainage, and ventilation are good, a fan of five-foot diameter is used to ventilate the mine workings, which produces sufficient ventilation throughout the mine. Capacity 150 tons daily. This mine is in good condition, and is operated in compliance with the mining law.

JAMES PHILLIPS, *Gen. Manager,*
Fairmont.
RUSSELL WILT, *Mine Foreman.*

THE VIRGINIA & PITTSBURG COAL & COKE COMPANY.

KINGMONT.

No. 141. *Kingmont—Drift*—This mine is located at Kingmont, on the Grafton & Wheeling Division of the B. & O. R. R., operating the Pittsburg seam of coal, which has a thickness of eight feet, worked on the double entry system. A large percentage of the coal is pillar. The undercutting of the coal is done by pick and blasted with black powder. Electric motors haul the cars to main turnout, and from there a tailrope delivers them to tipple at railroad. Shot firing is directed by mine foreman and assistants. The roof is unsound in some sections and requires careful timbering to insure safety to the miners. Ventilation is produced by a sixteen-foot exhaust steam fan which gives good results, owing to the many crop openings. No gases are liberated, still a fireboss is employed. Open lights are used. This mine is naturally inclined to be wet, due to water entering through many surface brakes in pillar robbings. Drainage is good, water handled by pumps. Capacity daily fifteen hundred tons. Equipment: Two 150 H. P. Boilers, two 100 H. P. Boilers, one 150 KW Westinghouse Generator, one pair Milholland Tail Rope Haulage Engines, one 16 ft. fan, one 30 H. P. Slide Valve Engine, two 8 ton Jeffrey Electric Locomotives, and one 8 ton Westinghouse Locomotive. Improvements during the year, one brick engine house, and motor barn.

R. M. HITE, *Superintendent,*
Fairmont.
WILLIAM JARRETT, *Mine Foreman.*
WALTER WILT, *Asst. Mine Foreman.*
GEORGE FORTNEY, *Asst. Mine Foreman.*
JOHN BROWN, *Fire Boss.*

THE VIRGINIA & PITTSBURG COAL & COKE COMPANY

RIVESVILLE.

No. 142. *Morgan—Drift*—Located one and one-fourth miles north of Rivesville, on the Monongahela River, operating the Pittsburg seam of coal, which has a depth of eight feet. The coal is mined with pick, blasted with black powder, haulage consists of mule and gasoline motor. Shot firing is directed by mine foreman. Roof is unsound in sections and requires careful timbering to insure safety to miners. Timbering and drainage good. Ventilation is produced by a twelve-foot reversible fan, forcing the air. Distribution to working faces good. Open lights are being used. No explosive gas has been detected. Mine is kept damp by injecting steam in intake air. This mine is generally looked after and mining laws are complied with. Daily capacity seven hundred tons. Equipment: One twelve-foot Jeffrey Fan, one 40 H. P. Steam Engine, one 100 H. P. Boiler, one six and one-half ton Milwaukee Gasoline Motor.

R. M. HITE, *Gen. Manager,*
Fairmont.
M. C. HITE, *Superintendent,*
Rivesville.
CHARLES LAREW, *Mine Foreman.*

WHYEL COAL COMPANY.

MONONGAH.

No. 143. *Killarm No. 1—Drift*—Located at Killarm, two miles south of Everson, on the M. R. Branch of the B. & O. Railroad, operating the Pittsburg seam which varies in thickness from four to seven feet. This mine has been idle up until the last year when it was purchased by the Whyel Coal Company and operations resumed. The coal is being cut by electric chain machines, hauled to the tipple by string teams, blasted with black powder. Roof is of a dangerous character and requires careful timbering to insure safety to the miners. Timbering generally good. Drainage good. Ventilated by sixteen-foot fan which furnishes ample ventilation to working faces. Capacity of this mine under normal conditions fifty tons daily. Equipment, Powerhouse, fanhouse, and tipple.

HARRY C. DRUM, *Superintendent,*
Monongah.
JAMES WILDS, *Mine Foreman.*

MARSHALL COUNTY.

BEN FRANKLIN COAL COMPANY OF WEST VIRGINIA.

MOUNDSVILLE.

No. 144. *Panama Mine—Shaft*—Located one-half mile south of Moundsville, on the B. & O. Railroad, operating the Pittsburg Seam of Coal, which has a thickness of five and one-half feet, with a slate roof which in some sections is of a dangerous character and has to be well timbered to secure safety to the miners, which are generally well supplied with timber. As a rule the working faces are properly timbered. Drainage generally good. Ventilation is produced by a twenty-foot fan, which furnishes sufficient air if properly distributed to the working faces. Coal is mined by electric chain machines and hauled by electric motors, blasted with black powder. Daily capacity under normal conditions five hundred tons. During the past year this mine has been equipped with electric safety lamps which adds to the safety of the inside employees. Outside equipment three steam boilers, Generators 1-100 KW and 1-150 KW. Improvements during year, fifty new mine cars.

M. J. MCQUADE, *Pres. & Manager.*
Moundsville.
C. E. MCCABE, *Mine Foreman.*
H. DELANEY, *Fire Boss.*

GLENDALE COAL COMPANY.

GLENDALE.

No. 145. *Glendale Shaft*—Located at Glendale, on B. & O. Railroad, operating Pittsburg Seam of Coal which has a thickness of five feet, with a slate roof which in some sections is bad, especially where there is a draw slate varying in thickness from eight to twenty inches, which has to be taken down or properly timbered to insure safety to the miners. Ventilation is produced by a twelve-foot fan which furnishes ample ventilation since a new air-shaft has been completed at the interior of the workings. There is considerable water to contend with, but drainage is fairly good. Coal is mined by electric chain machines, with mule and electric motor haulage, and blasted with black powder. Daily capacity under normal conditions seven hundred tons. Condition of mine inside generally well looked after. Outside equipment railroad tipple, and fan-house. Mining laws are generally complied with.

E. C. PICKETT, *Superintendent,* W. F. ASH, *Mine Foreman.*
Glendale.

HITCHMAN COAL & COKE COMPANY.

WHEELING.

No. 146. *Hitchman Mine—Slope*—Located at Hitchman, near Benwood, on the main line of the B. & O. R. R., operating Pittsburg No. 8 Seam of Coal, which varies in thickness from four and one-half to five and one-half feet. A slate roof in some sections is of a dangerous character, especially where the draw slate varies in thickness from eight to twenty inches, which must be taken down or well timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. Ventilated by six-foot fan which gives a very fair system of ventilation. Drainage generally good. Coal is mined by electric mine machines, with mule and electric haulage, blasted with black powder. Coal is taken up slope to tipple with a tail rope. Nearly all of the advanced headings liberate explosive gas in small quantities, but competent firebosses are employed, who give close attention and careful examination of all places that are known to liberate explosive gas. The superintendent and mine foreman take great interest in the safety of their employees, and are ready at all times to cooperate with the mine department in matters that will insure safety to their men. Capacity two thousand tons. Outside equipment Railroad tipple and coaling station.

E. C. PICKETT, *Superintendent,* MICHAEL FREEMAN, *Mine Foreman.*
Wheeling. CARL ESSIG, *Fire Boss.*

MOUND COAL COMPANY.

MOUNDSVILLE.

No. 147. *Mound Shaft*—Located at Moundsville, on B. & O. R. R., operating the Pittsburg Seam of coal which has a thickness of five feet. Slate roof which has to be properly timbered to insure safety. The miners are well supplied with timber. Timbering generally good throughout the mine. Drainage reasonably good. Ventilation is produced by two fans, and is fairly good throughout the mine. Coal is mined by electric machines, with mule and electric haulage, blasted with black powder. Daily capacity is seven hundred tons under normal conditions. Outside equipment power-house, tipple, and fan-house which is constructed of incombustible material. Improvements during the year consist of one new fan, and new air-course which is being driven from bottom of shaft to improve the ventilation. This mine has been carefully looked after by the officials in charge, and the mining laws generally complied with.

R. C. STULER, *Gen. Superintendent,* J. W. MEREDITH, *Mine Foreman.*
Moundsville. JOHN HUMPHREYS, *Fire Boss.*
JOSEPH VIRGIN, *Superintendent,*
Moundsville.

PARR'S RUN COAL COMPANY.

MOUNDSVILLE.

No. 148. *Parr's Run—Shaft—No. 1*—Located on Parr's Run, one mile east of Moundsville. Shaft four hundred and ten feet deep, operating the Pittsburg Seam of Coal which has a thickness of five feet and ten inches with a slate roof which in some sections is bad and of a dangerous character and has to be given close attention and must be properly timbered to insure safety to the miners, especially where the draw slate varies in thickness from six to twenty-four inches. There is but little water to contend with, drainage good. Coal is mined with electric chain machines, with electric motor haulage, blasted with black powder. Advanced faces liberate explosive gas. Daily capacity six hundred tons. Ventilation is produced by a ten-foot electric fan connected, and is forcing the air. Outside equipment consists of incline plane, electric motor, and hoisting engine.

C. H. HUNTER, *Superintendent, Moundsville.*

G. S. PHILLIPS, *Mine Foreman.*
ARCHIE LAFFERTY, *Fire Boss.*

WHEELING STEEL & IRON COMPANY.

WHEELING.

No. 149. *Benwood Mine—Drift*—Located at Benwood, on the B. & O. R. R., operating the Pittsburg Seam of coal, which has a thickness of five and one-half feet with a slate roof, which in some sections is bad, especially where there is draw slate, which varies in thickness from six to eighteen inches, and which has to be taken down or properly timbered to insure safety. The miners are well supplied with timber, and as a rule working places are properly timbered, as the mine foreman gives close attention to the timbering as well as to all other conditions that might be considered dangerous to the employees. Ventilation is produced by a twelve-foot fan which furnishes sufficient air for a proper system of ventilation and is well distributed. Drainage good. Coal is mined with electric chain machines, with electric motor haulage. The coal is blasted with black powder. Daily capacity six hundred tons. Coal is dumped in bunkers at Rolling Mills.

W. C. BATSON, *Superintendent and Mine Foreman, Wheeling.*

OHIO COUNTY.

J. S. CREIGHTON COAL COMPANY.

ELM GROVE.

No. 150. *Creighton Mine—Slope*—Located one mile east of Elm Grove, operating the Pittsburg No. 8 Seam of Coal, which has a thickness of five feet, with slate roof which has to be properly timbered to insure safety. Drainage is generally good. Ventilation is produced by six-foot fan which is set in Elm Grove mine, taking its air through this mine. The entire product of the mine is consumed by local trade, delivered by teams. Coal is mined by electric mine machines, power being furnished by Electric Street Railway Company. Daily output of this mine under normal conditions is fifty tons.

J. S. CREIGHTON, *Gen. Manager and Superintendent, Elm Grove.*

FRANK BURDETTE, *Mine Foreman.*

THE ELM GROVE COAL COMPANY.

ELM GROVE.

No. 151. *Elm Grove No. 1—Shaft*—Located at Elm Grove, on the B. & O. R. R., operating the Pittsburg Seam of coal, which has a thickness of five feet. The roof is of slate and in some sections is bad, and must be well timbered to insure safety to the miners. Drainage fairly good. Ventilation is produced by a six-foot fan, which is fairly well distributed throughout the mine. Coal is mined by electric chain machines, mule and electric haulage, blasted with black powder. Capacity six hundred tons daily. Electric power is furnished by the Electric Street Railway

Company, voltage five hundred and fifty. In some instances this has proved fatal to employees, who came in contact with electric wires. This mine is connected with the Creighton mine, being used as a second opening for the men to travel in case of accident to main shaft. Improvements during the year, new head frame at top of shaft. Outside equipment, Boilers, Hoisting Engines, Engine House, Tipple and screens, etc.

J. B. CHAMBERS, *Gen. Manager,* ALBERT EIKEY, *Mine Foreman.*
Elm Grove.
H. A. GLITCH, *Assistant Gen. Superintendent,*
Elm Grove.

JOHN D. HALL COAL COMPANY.

WHEELING.

No. 152. *Edgewood—Slope*—Located at Edgewood, operating the Pittsburg seam of coal which has a thickness of five feet. The entire production of this mine is used for domestic purposes. This is a very small mine employing from five to six men. The coal is undercut by electric chain machines, blasted with black powder, haulage consists of mule and rope. Natural ventilation, which is sufficient for the amount of men employed inside.

JOHN D. HALL, *Manager and*
Superintendent, Wheeling.

KUNTZ BROTHERS & MILLER.

WHEELING.

No. 153. *Boggs Run Mine—Drift*—Located at the north end of Benwood, operating the Pittsburg Seam of coal which has a thickness of five and one-half feet, with a slate roof that must be well timbered to insure safety to the miners. Ventilation is produced by a twelve-foot fan which furnishes sufficient air for the number of persons employed, which vary in number from six to ten miners. The work consists of drawing pillars. Coal is mined with picks and blasted with black powder. The product of the mine is consumed by local trade and delivered by teams.

PHILLIP KUNTZ, JR., *Superintendent,* EUGENE MILLER, *Mine Foreman.*
Wheeling.

PETER STORCH & SONS.

WHEELING.

No. 154. *Storch—Drift*—Located at Edgington Lane, three miles east of Wheeling, operating the Pittsburg No. 8 Seam of Coal, which has a thickness of five feet, with a slate roof that must be properly timbered to insure safety; drainage good. Ventilated by a six-foot fan which furnishes ample ventilation throughout the mine. Cut by electric chain machine with mule haulage. Coal is blasted with black powder. Capacity under normal conditions one hundred tons. Electric power is furnished by the Electric Street Railway Company. The entire product of this mine is consumed by local trade.

GEORGE STORCH, *Superintendent and*
Mine Foreman, Wheeling.

RICHLAND COAL COMPANY.

WHEELING.

No. 155. *Richland—Drift*—Located two miles north of Wheeling, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of coal which has a thickness of five feet. The roof is of slate and in some sections of a dangerous character, especially where there is a draw slate, which has to be taken down or the working places properly timbered to insure safety. Timbering and drainage are very good. Ventilated by two fans, distribution good throughtout the mine. Coal is principally mined by electric chain machines, with mule and electric haulage. Black powder is chiefly used for blasting. Daily capacity twenty-five hundred tons daily. During the past year a shaft was sunk at the interior of the workings for the purpose of improving the ventilation. Outside equipment, outside plane. Improvements during the year consist of three new motors, one new fan, one airshaft, large extension of entries, two new machines. This mine is generally well looked after, and mining laws complied with.

L. W. BROWN, *Superintendent,*
Wheeling.
W. H. WADE, *Mine Foreman.*
CHARLES AIKENS, *Asst. Mine Foreman.*
TOM REDMAN, *Asst. Mine Foreman.*
W. M. YOUNG, *Asst. Mine Foreman.*

WHITTAKER-GLESSNER COMPANY.

WHEELING.

No. 156. *Carter Mine—Drift*—Located at Wheeling, on the Wheeling Terminal Railroad, operating the Pittsburg Seam of Coal which has a thickness of five feet. Roof is of slate and must be properly timbered to insure safety. Ventilated by a four-foot fan which furnishes sufficient ventilation when properly distributed to working faces. Coal is mined by electric chain machines, with mule and electric motor haulage, black powder is used to blast the coal. Capacity daily two hundred and fifty tons. The production of this mine is used in steel mill owned and operated by same company. The mining law is generally complied with.

W. H. KASLEY, *Superintendent*
Wheeling
W. E. MCGLONE, *Mine Foreman.*

SECOND DISTRICT.

GENERAL SUMMARY FOR THE SECOND MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Harrison (Part)	69	11	916	2,354	514	1,311	5,095	859	16	875	5,970	4,473,882	17,254
Lewis	1	....	8	......	......	2	10	4	......	4	14	300	....
Totals	70	11	924	2,354	514	1,313	5,105	863	16	879	5,984	4,474,182	17,254

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE SECOND DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
HARRISON COUNTY			
Antler Coal Co.	Thompson	5-19-15	F. E. Parsons
Antler Coal Co.	Katherine	5-19-15	F. E. Parsons
Burrows Coal Co.	Parlor	5-12-15	F. E. Parsons
Byron Coal Co.	Althea	2-18-15	F. E. Parsons
Byron Coal Co.	Althea	6-11-15	F. E. Parsons
Calif Coal Co.	No. 2	12-11-14	F. E. Parsons
Calif Coal Co.	No. 2	4-12-15	F. E. Parsons
Central Fairmont Coal Co.	Snakehill	7-17-14	F. E. Parsons
Central Fairmont Coal Co.	Snakehill	5- 5-15	F. E. Parsons
Clarksburg Coal Mining Co.	Florida	3-18-15	F. E. Parsons
Clarksburg Coal Mining Co.	Florida	3-18-15	W. B. Riggleman
Clarksburg Gas Coal Co.	McWhorter	8-25-15	F. E. Parsons
The Consolidation Coal Co.	No. 40	8-12-14	F. E. Parsons
The Consolidation Coal Co.	No. 40	8-13-14	F. E. Parsons
The Consolidation Coal Co.	No. 21	8-27-14	F. E. Parsons
The Consolidation Coal Co.	No. 21	8-28-14	F. E. Pasons
The Consolidation Coal Co.	No. 77	8-28-14	F. E. Parsons
The Consolidation Coal Co.	No. 38	8-29-14	F. E. Parsons
The Consolidation Coal Co.	No. 38	8-30-14	F. E. Parsons
The Consolidation Coal Co.	No. 62	11-30-14	F. E. Parsons
The Consolidation Coal Co.	No. 29	12-15-14	F. E. Parsons
The Consolidation Coal Co.	No. 29	12-16-14	F. E. Parsons
The Consolidation Coal Co.	No 27	12-17-14	F. E. Parsons
The Consolidation Coal Co.	No. 48	12-18-14	F. E. Parsons
The Consolidation Coal Co.	No. 25	12-21-14	F. E. Parsons
The Consolidation Coal Co.	No. 25	12-22-14	F. E. Parsons
The Consolidation Coal Co.	No. 25	12-23-14	F. E. Parsons
The Consolidation Coal Co.	No. 39	12-30-14	F. E. Parsons
The Consolidation Coal Co.	No. 51-No. 1	1- 5-15	F. E. Parsons
The Consolidation Coal Co.	No. 51-No. 3	1- 6-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	1-26-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	1-26-15	W. B. Riggleman
The Consolidation Coal Co.	No. 49	1-27-15	W. B. Riggleman
The Consolidation Coal Co.	No. 49	1-27-15	F. E. Parsons
The Consolidation Coal Co.	No 21	2- 3-15	F. E. Parsons
The Consolidation Coal Co.	No. 21	2- 4-15	F. E. Parsons
The Consolidation Coal Co.	No. 77	2- 4-15	F. E. Parsons
The Consolidation Coal Co.	No. 47	2-24-15	F. E. Parsons
The Consolidatiion Coal Co.	No. 47	2-25-15	F. E. Parsons
The Consolidation Coal Co.	No. 62	3-12-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	3-22-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	3-22-15	W. B. Riggleman
The Consolidation Coal Co.	No. 49	3-23-15	W. B. Riggleman
The Consolidation Coal Co.	No. 49	3-23-15	F. E. Parsons
The Consolidation Coal Co.	No. 66	3-26-15	F. E. Parsons
The Consolidation Coal Co.	No. 51-No. 1	3-31-15	F. E. Parsons
The Consolidation Coal Co.	No. 51-No. 3	3-31-15	F. E. Parsons
The Consolidation Coal Co.	No. 54	4- 1-15	F. E. Parsons
The Consolidation Coal Co.	No. 40	4- 7-15	F. E. Parsons
The Consolidation Coal Co.	No. 25	4-19-15	F. E. Parsons
The Consolidation Coal Co.	No. 25	4-20-15	F. E. Parsons
The Consolidation Coal Co.	No. 25	4-21-15	F. E. Parsons
The Consolidation Coal Co.	No. 32	4-29-15	F. E. Parsons
The Consolidation Coal Co.	No. 32	4-30-15	F. E. Parsons
The Consolidation Coal Co.	No. 61	4-30-15	F. E. Parsons
The Consolidation Coal Co.	No. 62	5-13-15	F. E. Parsons
The Consolidation Coal Co.	No. 39	5-14-15	F. E. Parsons
The Consolidation Coal Co.	No. 48	5-21-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	6- 4-15	F. E. Parsons
The Consolidation Coal Co.	No. 49	6- 4-15	F. E. Parsons
The Consolidation Coal Co.	No. 66	6-16-15	F. E. Parsons
The Consolidation Coal Co.	No. 40	6-17-15	F. E. Parsons
The Consolidation Coal Co.	No. 40	6-18-15	F. E. Parsons
The Consolidation Coal Co.	No. 62	6-30-15	F. E. Parsons
Corona Coal & Coke Co.	No. 2	12- 8-14	F. E. Parsons
Corona Coal & Coke Co.	No. 2	12-10-14	F. E. Parsons
Corona Coal & Coke Co.	No. 2	8-26-14	F. E. Parsons
Corona Coal & Coke Co.	Harold	3-10-15	F. E. Parsons
Fairmont & Baltimore C. & C. Co.	Old & New Fairmore	7-22-14	F. E. Parsons
Fairmont & Baltimore C. & C. Co.	New Fairmore	2-1-15	F. E. Parsons
Fairmont & Baltimore C. & C. Co.	Old Fairmore	2- 2-15	F. E. Parsons
Fairmont & Cleveland Coal Co.	Parker Run	8-31-14	W. B. Riggleman
Fairmont & Cleveland Coal Co.	Parker Run	9- 1-14	W. B. Riggleman

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
HARRISON CO.—Continued			
Fairmont & Clarksburg Cpal Co	Phoenix	3-18-15	W. B. Riggleman
Fairmont & Clarksburg Coal Co	Phoenix	3-18-15	F. E. Parsons
Fairmont & Clarksburg Coal Co	Phoenix	6-14-15	F. E. Parsons
Fairmont & Clarksburg Coal Co	Phoenix	6-14-15	W. B. Riggleman
Fayette Coal Co	Fayette	7- 7-14	F. E. Parsons
Fayette Coal Co	Fayette	10-19-14	F. E. Parsons
Francois Coal & Coke Co	No. 1	7-16-14	F. E. Parsons
Francois Coal & Coke Co	No. 2	7-16-14	F. E. Parsons
Francois Coal & Coke Co	No. 5	7-16-14	F. E. Parsons
Francois Coal & Coke Co	Nos. 1 & 2	5-10-15	F. E. Parsons
Harry B. Coal & Coke Co	Pitcairn	4- 9-15	F. E. Parsons
Haywood Coal Mining Co	Monroe	8-14-14	F. E. Parsons
Haywood Coal Mining Co	Monroe	12- 7-14	F. E. Parsons
Haywood Coal Mining Co	Monroe	5-27-14	F. E. Parsons
Hero Coal & Coke Co	Hero	1- 7-15	F. E. Parsons
Hutchinson Coal Co	Erie No. 1	7- 2-14	F. E. Parsons
Hutchinson Coal Co	Erie No. 2	7- 3-14	F. E. Parsons
Hutchinson Coal Co	Erie No. 1	8-11-14	F. E. Parsons
Hutchinson Coal Co	York	8-24-14	F. E. Parsons
Hutchinson Coal Co	Girard No. 1	10-20-14	F. E. Parsons
Hutchinson Coal Co	Girard No. 2	10-20-14	F. E. Parsons
Hutchinson Coal Co	Erie No. 1	12-31-14	F. E. Parsons
Hutchinson Coal Co	Erie No. 2	1- 1-15	F. E. Parsons
Hutchinson Coal Co	Hutchinson No. 3	2-15-15	F. E. Parsons
Hutchinson Coal Co	Hutchinson No. 3	2-16-15	F. E. Parsons
Hutchinson Coal Co	Hutchinson No. 3	2-17-15	F. E. Parsons
Hutchinson Coal Co	Hutchinson No. 2	2-17-15	F. E. Parsons
Hutchinson Coal Co	McCandlish No. 1	2-22-15	F. E. Parsons
Hutchinson Coal Co	McCandlish No. 2	2-22-15	F. E. Parsons
Hutchinson Coal Co	McCandlish No. 3	2-23-15	F. E. Parsons
Hutchinson Coal Co	Florence	3-25-15	F. E. Parsons
Hutchinson Coal Co	Delta	4- 2-15	F. E. Parsons
Hutchinson Coal Co	Erie No. 1	4-27-15	F. E. Parsons
Hutchinson Coal Co	Erie No. 2	4-28-15	F. E. Parsons
Hutchinson Coal Co	McCandlish No. 1	5- 6-15	F. E. Parsons
Hutchinson Coal Co	McCandlsh No. 2	5- 7-15	F. E. Parsons
Hutchinson Coal Co	Girard No. 1	5-26-15	F. E. Parsons
Hutchinson Coal Co	Girard No. 2	5-26-15	F. E. Parsons
Hygrade Coal Co	Page	7- 1-14	F. E. Parsons
Johnson McIntire Coal Co	Gilbert	7-23-14	F. E. Parsons
Klinefelter, J. S. & Co	Page	12-11-14	F. E. Parsons
Klinefelter, J. S. & Co	Page	3- 2-15	F. E. Parsons
Klinefelter, J. S. & Co	Page No. 1	5-12-15	F. E. Parsons
Klinefelter, J. S. & Co	Page No. 2	5-12-15	F. E. Parsons
Klinefelter, J. S. & Co	Page	5-12-15	F. E. Parsons
Lambert Run Coal Co	Clauson	7-24-14	F. E. Parsons
Lambert Run Coal Co	Clauson	2- 5-15	F. E. Parsons
Lambert Run Coal Co	Clauson	4- 6-15	F. E. Parsons
Long, J. E. Coal Co	Burke	5- 3-15	F. E. Parsons
Madeira-Hill-Clark Coal Co	Randolph	7- 9-14	F. E. Parsons
Madeira-Hill-Clark Coal Co	Randolph	7-10-14	F. E. Parsons
Madeira-Hill-Clark Coal Co	Goff	8-20-14	F. E. Parsons
Madeira-Hill-Clark Coal Co	Waldo No. 1	11-27-14	F. E. Parsons
Madeira-Hill-Clark Coal Co	Waldo No. 2	11-27-14	F. E. Parsons
Madeira-Hill-Clark Coal Co	Goff	2-19-15	F. E. Parsons
Madeira-Hill-Clark Coal Co	Randolph	3-29-15	F. E. Parsons
Madeira-Hill-Clark Coal Co	Randolph	3-30-15	F. E. Parsons
Marion Gas Coal Co	Bingamon	9- 2-14	F. E. Parsons
Marion Gas Coal Co	Bingamon	9- 4-14	F. E. Parsons
Marion Gas Coal Co	Bingamon	1-29-15	F. E. Parsons
Marshall Coal Co	Marshall	4-22-15	F. E. Parsons
Marshall Coal Co	Marshall	4-23-15	F. E. Parsons
Marshall Coal Co	Marshall	6- 8-15	F. E. Pasrons
Marshall Coal Co	Marshall	6- 9-15	F. E. Parsons
Marshall Coal Co	Marshall	6-10-15	F. E. Parsons
Monongah Fuel Co	Gallihue	10-12-14	W. B. Riggleman
Monongah Fuel Co	Gallihue	3-30-15	W. B. Riggleman
Monongah Fuel Co	Gallihue	5-14-15	W. B. Riggleman
Orr Coal Mining Co	Miller No. 1	9- 1-14	F. E. Parsons
Orr Coal Mining Co	Miller No. 2	9- 1-14	F E. Parsons
Orr Coal Mining Co	Miller No. 1	2- 1-15	F. E. Parsons
Orr Coal Mining Co	Miller No. 2	2- 2-15	F. E. Parsons
Orr Coal Mining Co	Miller No. 2	4-16-15	F. E. Parsosn
Orr Coal Mining Co	Miller No. 2	4-17-15	F. E. Parsons
Orr Shields Coal Co	Phoenix	9- 8-14	F. E. Parsons
Overholt Coal Co	Overholt	8-21-14	F. E. Parsons

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
HARRISON CO.—Continued			
Overholt Coal Co.	Overholt	1- 4-15	F. E. Parsons
Overholt Coal Co.	Overholt	4-26-15	F. E. Parsons
Righter Coal & Coke Co.	No. 1	3- 3-15	F. E. Parsons
Righter Coal & Coke Co.	No. 4	3- 3-15	F. E. Parsons
Righter Coal & Coke Co.	No. 4	3-19-15	F. E. Parsons
Rosebud Coal Co.	No. 1	7- 8-14	F. E. Parsons
Rosebud Coal Co.	No. 2	7- 8-14	F. E. Parsons
Rosebud Coal Co.	No. 1	1- 8-15	F. E. Parsons
Rosebud Coal Co.	No. 2	5-17-15	F. E. Parsons
Rosebud Coal Co.	No. 1	5-17-15	F. E. Parsons
Rosebud Coal Co.	No. 2	1- 8-15	F. E. Parsons
Taylor Collieries Co.	No. 1	3-11-15	F. E. Parsons
Taylor Collieries Co.	No. 1	5-11-15	F. E. Parsons
Templeton Coal Co.	Fowler No. 2	4- 8-15	F. E. Parsons
Va. Maryland Coal Corp.	Willard No. 1	3- 4-15	F. E. Parsons
Va. Maryland Coal Corp.	Willard No. 1	3- 5-15	F. E. Parsons
Va. Maryland Coal Corp.	Willard No. 2	3- 5-15	F. E. Parsons
Vincent Coal Co.	Grasselli	12-28-14	F. E. Parsons
Vincent Coal Co.	Grasselli	5- 4-15	F. E. Parsons
Winchester Coal Co.	Winchester	7-14-14	F. E. Parsons
Winchester Coal Co.	Winchester	1-28-15	F. E. Parsons
Winchester Coal Co.	Winchester	6-15-15	F. E. Parsons

INSPECTOR'S REPORT.

CLARKSBURG, W. VA., August 10, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I have the honor to transmit herewith, for your consideration, as required by Law my Annual Report as District Mine Inspector for the Second Mining District, for the year ending June 30th, 1915.

This District, with one exception, is composed of all the operating coal mines in Harrison County. It also includes one mine in Lewis County, and almost its entire area is underlaid with different coal measures, which are rich in fuel value. The most important one being the great Pittsburg seam. The other ones, in large areas, are more or less sporadic, impure and irregular. However, the Redstone seam is found in a valuable commercial deposit underlying a portion of Harrison County and extending in a southeastern course into Lewis, Upshur, and Barbour Counties. Several commercial coal mines in this district are operating in that bed of coal. It is reported to be very valuable for gas, steam, and domestic purposes.

All of the commercial coal mines operating in this District ship their product to market via, the Baltimore & Ohio Railroad System, and are located on the West Fork River and its tributaries. The operations are largely confined to the Pittsburg seam, which is a very valuable coal for gas, steam, domestic, and in some sections of this district for coking purposes. When business conditions are normal the operation of this seam of coal is very prosperous, but the past year has been the most unsatisfactory one, from the producers standpoint, in the history of commercial coal mining, with no demand, ruinous prices prevailing, and all branches of industry and other business depressed.

The miners in this District are exposed to all the dangers incident to coal mining, which are encountered elsewhere. In addition they are exposed to a very grave danger which, by its latency, is impossible to foresee and avert. I am again referring to the high pressure gas wells which have either penetrated operating coal properties in this District, or are in dangerous proximity thereto.

The writer desires to emphasize his former insistence, in these reports, that the hazard from gas wells receive the serious consideration that its importance justifies, and that a law be enacted to safe-guard life from this source. This dangerous condition, which is not mentioned in the law, gives the mine officials and mine inspector more concern than all the other menaces combined. Other than the above, I am of the opinion that the new mining laws recently enacted, if fully complied with, are sufficient to protect the lives of the miners and the property of the mine owners.

Another matter not so serious, yet important, is the scant recognition given by law to the district mine inspector, there being no facilities whatever afforded him by law, to properly care for clerical duties, a necessary adjunct, which the office imposes on him. I have no hesitancy in suggesting that a suitable office, to properly care for his maps, profiles, records and have his reports and official correspondence neatly typewritten, and copies thereof filed, should be provided by law. His official correspondence with the operators and others in his district must necessarily be in keeping with the business method employed by themselves. If otherwise, he loses their respect, his prestige, and correspondingly his efficiency.

I have met with but little obstinacy in the discharge of my official duties during the past year, and am happy to report that I have not been compelled to prosecute anyone. The mines in this District, as a rule, are carefully managed by the officials in charge and are kept in a safe and sanitary condition, but by reason of the depressed business conditions permanent improvements and new developments have not been so general as heretofore.

I am well pleased to be able to truthfully report to you that the miners and mine officials, as a rule, have vigilently cooperated with me to prevent accidents, and to have the law complied with. The events and results obtained during the past year justify me in especially commending them in this report for their prompt and ungrudging response to requests made of them to discontinue dangerous practices.

Reports of all the official visits which I have made, as well as reports on all accidents which have happened in or around the mines in this district, during the past year, have heretofore been forwarded to your office.

In conclusion I acknowledge a debt of gratitude which I owe to the coal miners, mine officials, and mine operators, who assisted me in the prevention of accidents, and to have the law complied with in this district during the past year and I assure them that their kind acts will never be forgotten and are fully appreciated by me, and I heartily thank them for same.

I also desire to extend to you, and to the attaches of your office, my sincere thanks for courtesies, and for advice and assistance promptly rendered me during the past year.

Yours very truly,

FRANK E. PARSONS,
Inspector Second District.

HARRISON COUNTY.

BERNARD COAL COMPANY changed to J. E. LONG COAL COMPANY.

CLARKSBURG.

(General Offices, Clarksburg.)

No. 201. *Burk.—Pittsburg seam—Thickness 6 to 8 feet—Drift Incline.*—This mine is located one and one-half miles east of Clarksburg, on the Grasselli branch of the Parkersburg branch of the B. & O. Railroad. It is a pick mine and the outside fixtures consist only of the wheel-house, tipple, and the other necessary small buildings to equip a mine of this character of small capacity. It is opened up and developed on the double entry system. The ventilation is produced by natural means, and by reason of numerous holes to the outside in addition to the main openings, taken in connection with the difference in elevations, the conditions are very favorable for this system of ventilation, and it is found in lawful condition throughout. The roof is of the usual character which overlies the Pittsburg seam in this region and is carefully timbered to prevent accidents from falls of slate. The drainage is produced by natural means and by bailing. The working places are kept in lawful condition. The coal is undercut by hand picks and very little blasting is necessary. Permissible powder is used when it is necessary to blast the coal. It is gathered from the working places and hauled to the head of the plane by horses and mules, from there it is lowered by traction to the tipple and dumped into the railroad cars. No gas liberates from the coal, and open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men and with the present development the capacity of this mine could probably reach two hundred tons daily.

Former Officials:	Present Officials:
GEO. PHILLIPS, *General Mgr.*	J. E. LONG, *General Manager.*
	B. H. MONROE, *Supt. & Mine Foreman.*

BLUE RIDGE COAL COMPANY changed to ANTLER COAL COMPANY.

LUMBERPORT.

(General Offices, Fairmont.)

No. 202. *Thompson.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—This mine is located about eleven miles North of Clarksburg, on the Short Line Division of the B. & O. Railroad. It is a pick mine and the equipment under the former management was such outside buildings, etc., as go to equip a mine of this character with a small capacity. It was opened up on the double entry system and the ventilation formerly was produced by a small disc fan connected by gas engine. At this time, however, it is connected underground with the Katharine mine belonging to the Antler Coal Company, and the ventilation is produced by the same fan which ventilates the Katharine mine, and the output of this mine is at this time hauled, via the Katharine mine to the tipple located at the drift mouth of that mine and dumped into the railroad cars in conjunction with the ouput of it. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering is carefully done to prevent falls of slate and accidents and inconveniences resulting therefrom. The drainage was formerly very difficult, but since the intersection with the Katharine mine the drainage is natural and good throughout. The coal is undercut by hand picks, blasted with permissible powder and hauled as above described by horses and mules. No gas liberates from the coal. Open lights are used by the miners. The Mining Laws are observed. The capacity of this mine will increase as development is made. However, at this time it is capable of producing four hundred tons daily.

Former Officials:	Present Officials:
D. HOWARD, *Receiver and Manager.*	T. W. ARNETT, *General Manager.*
URIAH BLAKESMITH, *Superintendent and Mine Foreman.*	J. R. ELSESS, *Superintendent.*
	U. N. ARNETT, JR., *Superintendent.*
	J. M. REYNOLDS, *Mine Foreman.*

BYRON COAL COMPANY.

MT. CLARE.

(General Offices, Clarksburg.)

No. 203. *Althea.—Pittsburg seam—Thickness 6 to 9 feet—Drift Engine Plane.*—This mine is located seven miles south of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad. It is equipped with electric appliances for undercutting the coal, propelling the fan, and lighting the mine. The electric current being purchased from the M. V. T. Company. The outside fixtures consist of a power-house to operate the engine plane in addition to the other necessary buildings and machinery, including some miners houses, to equip a mine of this character for a medium output. It is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type. It is conducted to the working faces and throughout the mine in a lawful condition. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering is carefully looked after to prevent falls of slate and accidents resulting therefrom. The undercutting is done with electric machines of the chain type. The coal is blasted with permissible powder and gathered to the side track at the drift mouth, by horses and mules, from where it is lowered to the tipple, via the engine plane by a head rope and dumped into the railroad cars. The electric wires conduct the voltage of 550 into the mine, which necessitates very careful attention to prevent accidents from contact. These wires are consistently looked after in compliance with the law. No gas liberates from the coal, and open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing five hundred tons daily.

M. P. GANNON, *General Manager*. GEO. ELIASON, *Mine Foreman*.
P. P. GANNON, *Superintendent*. O. P. KIRKENDALL, *Mine Foreman*.

CENTRAL FAIRMONT COAL COMPANY.

CLARKSBURG.

(General Offices, Clarksburg.)

No. 204. *Snake Hill.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located one mile East of Clarksburg, on the Grasselli branch off of the Parkersburg Branch of the B. & O. Railroad. It is equipped with electric appliances to under cut the coal. The outside fixtures consist of the necessary buildings, including the miners houses, to equip a mine of medium capacity. It is opened up on the double entry system and the ventilation is produced by a Stine fan of the disc type. It is conducted to the working faces in the manner provided by law. The roof is of the usual character which overlies the Pittsburg seam of coal in this region, which as a rule, is carefully timbered to prevent falls of slate and accidents resulting therefrom. The drainage is mostly natural and is kept in a satisfactory condition. The coal is undercut by electric machines of the chain type. It is blasted with permissible powder exclusively. It is gathered and hauled to the tipple by horses and mules, where it is dumped into the railroad cars. The voltage on electric wires is 550 and the wires are carefully looked after, to prevent accidents from contact. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men and the present development and equipment, this mine is capable of producing six hundred tons daily.

D. HOWARD, *General Manager*. D. M. HARR, *Mine Foreman*.
FRED HOWARD, *Superintendent*. MIKE JENNINGS, *Mine Foreman*.

CLARKSBURG COAL MINING COMPANY.

REYNOLDSVILLE.

(General Offices, Clarksburg.)

No. 205. *Florida.—Pittsburg Seam—Thickness 6 to 8 feet—Slope.*—This mine is located on the waters of Limestone Creek, about seven and one-half miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is equipped with compressed air and the outside fixtures consist of the necessary buildings and machinery to equip a mine of this character, of medium capacity. It is developed on the double entry system. The ventilation is produced by a centrifugal fan of the high speed type, propelled by a steam engine with belt connection. It is conducted to the working faces and throughout by means of doors, stoppings, checks, etc., in an approved manner. The roof is not as good as the average which overlies the Pittsburg seam in this region when all the coal is removed, but the top coal is carefully maintained, and the timbering carefully looked after to prevent falls of slate and accidents resulting therefrom. The water is handled by pumps of the compressed air type, and the drainage is kept in a satisfactory and lawful condition. The undercutting is done with compressed air machines of the puncher type. The coal is blasted with permissible explosives and gathered and hauled to the foot of the slope by horses and mules, where it is hoisted to the tipple by a head rope. Traces of gas liberate from the drill holes in the advanced workings, but it is carefully looked after by means of sufficient ventilation, and the places are examined with a safety lamp by a fireboss before the men are permitted to enter for the purpose of working. Open lights are used by the miners for illumination, and the mining laws are complied with. With a full force of men the present capacity of the mine would not exceed three hundred tons daily by reason of lack of sufficient room.

CARL L. HORNOR, *General Manager.* THOS. MCDONALD, *Fire Boss.*
J. J. SHARFNEKER, *Supt. & Mine Foreman.*

CLARKSBURG GAS COAL COMPANY.

MCWHORTER.

(General Offices, Uniontown, Pa.)

No. 206. *McWhorter—Redstone seam—Thickness 5 to 6 feet—Drift—Incline.*—
—The location of this mine is sixteen miles south of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad. It was equipped with electricity. The outside fixtures consisting of power house and electric generator, together with the other necessary machinery, buildings, etc. to equip a mine of this character for a medium capacity. It is opened up and development is made on the double entry system, yet if my memory serves me right, this mine has not produced any coal during the past inspection year. The current which ventilated the mine workings was produced by a disc fan with electric connections. It was conducted to the working faces and throughout the mine in a lawful manner. The roof is very good in some sections of the mine, yet in the larger part of the development it is very bad on account of the numerous clay-veins encountered and it was necessary to carefully timber same to prevent falls of slate and accidents resulting therefrom. The drainage was kept in a reasonably good condition by natural means. The coal was undercut by an electric machine of the chain type and with hand picks. It was blasted with permissible explosives and gathered to the side track on the interior of the mine by horses and mules, from there it was hauled to the wheel-house and knuckle, located quite a distance from the drift mouth, by an electric motor ; thence lowered to the tipple by traction plane and dumped into the railroad cars. The voltage was 250. The electric wires were consistently looked after. No gas liberated from the coal, and open lights were used by the miners. The mining laws were observed. With a full force of men and with the development and equipment, if this mine was put in proper condition after laying idle, its capacity could probably reach three hundred tons daily.

HARRY WHYEL, *Genl. Manager.* O. P. KIRKENDALL, *Mine Foreman.*
J. J. SHARFNEKER, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

GYPSY.

(General Offices, Fairmont.)

No. 207. *No. 21.—Pittsburg seam—Thickness 7 to 9 feet—Drift—Engine plane.*
—This mine is located on the West Fork River twelve miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is equipped with electricity and the outside fixtures consist of all the necessary buildings, machinery, etc. to equip a mine of this character for an exceedingly large capacity. It is opened up on the triple entry system and the ventilation is produced by a large Centrifugal fan. It is conducted to the working faces in an approved manner. The roof is of the usual character which overlies the Pittsburg coal, and the timbering is, as a rule, carefully looked after to prevent accidents from falls of slate. The drainage is very difficult in sections and requires numerous pumps, yet it is kept in satisfactory condition. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible powder. It is gathered and hauled to the side tracks on the interior by horses and mules, from there to the junction by electric motors, from there it is hoisted to the tipple by means of an endless rope and grip cars, where it is dumped into the railroad cars. The electric wires as a rule are carefully looked after to prevent contacts. They conduct a voltage of 250, which is generated on the ground. Small quantities of gas at times liberate from the drill holes in the advanced working faces. It is cared for by sufficient ventilation, and looked after by a qualified fire boss. Open lights are used by the miners. The mining laws are being well observed. With a full force of men and with the present

development and equipment, this mine is capable of producing one thousand tons daily.

H. H. WATSON, *Manager.* L. C. DENT, *Mine Foreman.*
W. H. HESS, *Superintendent.* JOHN DONLIN, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

HAYWOOD.

(General Offices, Fairmont.)

No. 208. *No. 23.—Pittsburg Seam—Thickness 6 to 8 feet—Drift.*—This mine is equipped with electric appliances. The outside equipment, however, consists of only tipple, blacksmith shop, a few necessary small outside buildings, and the fan. It is located on the West Fork River twelve miles North of Clarksburg, on a branch off of the Short Line Division of the B. & O. Railroad. It is opened up on the double entry system. The ventilating current is produced by a Stine fan of the disc type, with electric connections. It is conducted to the working places by means of approved stoppings, over-casts, etc. and as a rule it was found good. The drainage was kept in a satisfactory condition. The roof is of a very dangerous character, which required very careful timbering to prevent accidents. The Timbering, however, was carefully looked after. Traces of gas formerly liberated at some of the advanced working faces, which was well cared for by sufficient ventilation. The voltage on electric wires was 250, it being generated at Consolidation No. 54 Mine, located a short distance from this one. The coal was undercut by electric machines of the chain type, blasted with permissible explosives, and gathered and hauled to the tipple by horses and mules, where it was dumped into the railroad cars. The State Mining Laws were being observed. This mine with a full force of men and with the equipment was capable of producing five hundred tons daily. However, it is at this time, and has been idle during the greater part of the last inspection year.

H. H. WATSON, *Manager.* IRA ROBINSON, *Fire Boss.*
LOWELL CHILDS, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG.

(General Offices, Fairmont.)

No. 209. *No. 25—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Engine Plane.*—This mine is equipped both with electric and compressed air appliances. The outside equipment consists of all necessary buildings, machinery, etc. to constitute an up-to-date mine of large capacity. It is located one mile east of the Clarksburg post office, in the suburbs of the city, on the Parkersburg branch of the B. & O. Railroad. The main haulage headings are developed on the triple entry system, while all other face and butt headings are on the double entry system. The ventilating current is produced by a large fan of the centrifugal type with direct steam connections. It is conducted to the working places by means of approved stoppings, doors, over-casts, etc. and as a rule it is found good throughout. The drainage is kept in a satisfactory condition by means of pumps. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering. The timbering is carefully looked after. The voltage on electric wires is 260, and on date of last visit these wires were being put in condition to prevent accidents by safe-guarding the crossings, etc. The coal is undercut by electric machines of the chain type. It is blasted with permissible explosives and black powder, gathered from the working places to the side track on the inside by horses and mules, from there it is hauled to the junction on the interior of the mine by electric motors, thence to the tipple by endless rope and grip cars, where it is dumped into the railroad cars. The State Mining Laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing thirteen hundred tons daily.

H. H. WATSON, *Manager.* THOS. POLLOCK, *Mine Foreman.*
LUKE MURRAY, *Superintendent.* W. P. JENNINGS, *Asst. Mine Foreman.*
WM. ASHCRAFT, *Asst, Mine Foreman.*
M. J. ROONEY, *Asst. Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

GLENN FALLS.

(General offices, Fairmont.)

No. 210. *No. 27.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*—This mine is located on the West Fork River five miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances, the power being generated at the Central Power Plant, at Hutchinson, W. Va., belonging to this company, and transmitted over high tension wires to a sub-station located near this property where it is reduced to 260 volts to be used in the mine. The outside fixtures consist of the necessary buildings, machinery and other equipment necessary for a mine of medium capacity. The main entries are developed on the triple entry system, while the room entries are on the double entry system. The ventilation is produced by a centrifugal fan with electric connection. It is conducted to the working faces in a lawful manner, and as a rule it is good throughout. The roof is of the usual character which overlies the Pittsburg seam in this region, and as a rule it is carefully timbered to prevent inconvenience and accidents from falls of slate. The drainage is difficult in some sections, yet it is kept in a reasonably good condition. The coal is undercut with electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and black powder, and hauled to the side tracks on the interior of the mine by horses and mules, and from there to the tipple by an electric motor, where it is dumped into the railroad cars. The electric wires are carefully looked after to prevent contacts. No gas liberates from the coal and open lights are used by the miners. The State mining laws are being observed. This mine is capable of producing four hundred and fifty tons daily.

H. H. WATSON, *Manager.* I. L. MARTIN, *Mine Foreman.*
A. C. Ice, *Superintendent.* BERNARD SWISHER, *Asst. Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG.

(General Offices, Fairmont.)

No. 211. *No. 29.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This is an electrically equipped mine, the power being generated at a Central Power Plant, belonging to this Company, located at Hutchinson, from where it is conducted over high-tension wires to a sub-station located at this mine, where it is reduced to 275 volts to be used in the mine. This mine is located two miles East of Clarksburg, W. Va., on the Parkersburg branch of the B. & O. Railroad. It is opened up and developed on the double entry system. The ventilation is produced by a centrifugal fan with electric connections. It is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. and it is, as a rule, good throughout the development. The roof is of the usual character which over-lies the Pittsburg seam in this region, which is very dangerous if not properly timbered. The timbering, as a rule, is carefully looked after. The drainage is kept in a satisfactory condition throughout. The coal is under cut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and black powder and hauled to the side tracks on the interior by horses and mules, from there to the junction near the drift-mouth by an electric motor, from thence to the tipple by means of head and tail rope, via. engine plane. Small quantities of gas have heretofore been found liberating at some of the advanced working faces, but it is being well cared for by sufficient ventilation. The electric wires are kept in good condition to prevent accidents from contacts. The State Mining Laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing nine hundred tons daily.

H. H. WATSON, *Manager.* W. P. JENNINGS, *Mine Foreman.*
LUKE MURRAY, *Superintendent.* J. B. GREYNOLDS, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 212. *No. 32.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—This mine is located about eighteen miles north of Clarksburg, on a branch off of the M. R. Division of the Baltimore & Ohio Railroad, on Mud Lick Run. It is equipped with electric appliances and the outside fixtures consist of all the necessary buildings, machinery, etc. which go to make up a mine of large capacity. It is opened up and developed on the triple entry system, with the exceptions of the room entries, which are being developed on the double entry system. The ventilation is produced by a large fan of the centrifugal type with direct steam connections. It is being conducted to the working faces in an approved and lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful attention to prevent accidents. The timbering is carefully looked after. The drainage is kept in good condition by natural means and by electric pumps. The coal is undercut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and black powder. It is gathered and hauled to the side tracks on the interior by horses and mules, from there to the tipple by electric motors, where it is dumped into the railroad cars in conjunction with the output of Consolidation No. 61 mine, which is operated in a hill located across a ravine from it. This ravine being spanned by a wooden viaduct over which the coal is hauled to the No. 32 tipple. The voltage on electric wires is 260, and these wires on date of last visit by the inspector, were being put in proper condition to prevent accidents from contact. No gas liberates from the coal and open lights are being used by the miners for illumination. The State Mining laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing fifteen hundred tons daily.

H. H. WATSON, *Manager.* J. K. WALTEPS, *Mine Foreman.*
C. H. HIGINBOTHAM, *Superintendent.* C. N. REEVES, *Fire Boss.*
C. W. TARLETON, *Inside Superintendent.*

THE CONSOLIDATION COAL COMPANY.

FARNUM.

(General Offices, Fairmont.)

No. 213. *No. 33.—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Incline.*—This mine was quipped with electric appliances. The outside equipment consisted of the necessary buildings, machinery, etc. to constitute a mine of small capacity. It is located on the West Fork River, six and one-half miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad. The developments are on the double entry system. The ventilation was produced by a Stine fan of the disc type with electric connections. It was conducted to the working faces by means of substantial stoppings, over-casts, etc, and as a rule, it was found good throughout. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful attention daily to prevent accidents from falls of slate. The timbering, however, was carefully looked after, especially in the working places. No gas liberates in this mine. The Coal was undercut by electric machines of the chain type, and by hand picks. It was blasted with permissible explosives and black powder. It was gathered to the side tracks on the interior by horses and mules, from there it was hauled by an electric motor to the drift mouth at the head of the plane, where it was lowered by traction to the tipple and dumped into the railroad cars. The drainage was kept in satisfactory condition by means of electric pumps. The voltage on electric wires was 250. These wires were kept in proper and safe condition to prevent accidents from contacts. The State Mining Laws were being observed. With a full force of men, and with the equipment and development formerly on the ground, this mine was capable of producing seven hundred tons daily output. However, this mine was dismantled during the latter part of last year and I have no information as to the future intentions of the operators relative to this property.

H. H. WATSON *Manager.* M. A. HALEY, *Mine Foreman.*
P. J. MCANDREWS, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 214. *No. 35.—1, 2, 3, & 4 Mines.—Pittsburg Seam—Thickness 6 to 8 feet—Drifts.*—These mines are located five miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad, on Beef Run. These are electrically equipped mines, the power being generated at the Central Power Plant, belonging to this Company, at Hutchinson, West Va., from where it is conducted over high-tension wires to a sub-station located on this property, where it is reduced to 260 volts, to be used in the mines. These mines are all intersected under-ground and the outputs are dumped into the railroad cars in conjunction with each other, from the same tipple. They are opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections. It is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. and is found sufficient throughout. The roof is of a dangerous character, which requires very careful timbering to prevent falls and accidents resulting therefrom. The timbering is carefully looked after. The drainage is difficult in some sections, yet it is kept in a satisfactory condition by means of electric pumps, ditching, etc. The coal is undercut by means of electric machines of both the puncher and the chain types, and by hand picks. It is blasted with permissible explosives exclusively and hauled to the side tracks on the interior of the mines by horses and mules, from there to the tipple by an electric motor, where it is dumped into the railroad cars. No gas liberates in these mines, but by reason of numerous gas wells adjacent to and located on the property a qualified and certified man examines the places with a safety lamp before the men are permitted to enter for the purpose of working therein. The electric wires are kept in good condition to prevent accidents from contact. The State Mining Laws are being observed. With the present development and equipment this mine is capable of producing twelve hundred tons daily.

H. H. WATSON, *Manager.* CLYDE VANPELT, *Mine Foreman.*
L. E. DORSEY, *Superintendent.* ROBERT ADCOCK, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

LEWIS.

(General Offices, Fairmont.)

No. 215. *No. 39.—Pittsburg Seam—Thickness 6 to 8 feet—Drift.*—This mine is equipped with electric appliances. The outside equipment consists of the necessary buildings, machinery, etc., to constitute a mine of medium capacity. It is located on the West Fork River, six and one-half miles South of Clarksburg, on the W. Va. & P. Division of the B. & O. Railroad. It is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type with electric connections. It is conducted to the working faces by substantial stoppings, over-casts, etc. and as a rule it is found good. The roof is of a very dangerous character and requires very careful attention as to timbering. The timbering is carefully looked after in the working places, and during the past year very substantial improvements have been made in timbering the main haulway heading. The drainage is mostly natural, yet electric pumps are necessary to properly drain some sections. The coal is undercut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives, and hauled to the side-tracks on the interior of the mine by horses and mules, from there to the tipple, which is located about a half mile from the drift-mouth, by an electric motor, where it is dumped into the railroad cars. Small quantities of gas liberate at some of the advanced working places, but it is being well cared for by sufficient ventilation. The voltage on electric wires is 250, and as a rule these wires are properly stretched, hung and safe-guarded to prevent contacts. The State Mining Laws are being well observed. With a full force of men, and with the present development and equipment, this mine is capable of producing four hundred tons daily.

H. H. WATSON, *Manager.* J. B. GREYNOLDS, *Mine Foreman.*
P. B. ROBINSON, *Superintendent.* NATHAN MCMASTERS, *Mine Foreman.*
HENRY WILLIAMS, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

VIROPA.

(General Offices, Fairmont.)

No. 216. *No. 40.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located on the West Fork River eighteen miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is equipped with electricity, the power being generated at the Central Power Plant owned by this Company and located at Hutchinson. It is transmitted to this mine over high tension wires to a sub-station located on this property, where it is transformed to 260 volts to be used in the mine. The outside fixtures and buildings are such as is necessary to constitute a first-class mine of medium capacity. It is opened up on the double entry system. The ventilation is produced by a centrifugal fan, electrically connected. It is conducted to the working faces by approved stoppings, doors, over-casts, etc. The roof is of the usual character which overlies the Pittsburg Seam of coal in this region, and requires very careful timbering. The timbering is well looked after. The drainage is kept in a satisfactory condition. The coal is undercut by electric machines of the chain type, blasted with permissible explosives, gathered and hauled to the side tracks on the interior, by horses and mules. From there to the tipple by electric motors. No gas liberates from the coal, yet by reason of numerous gas wells located on and adjacent to this property, a certified fire-boss is employed, who examines the places with a safety lamp before the men are permitted to enter for the purpose of working therein. Open lights are used to mine the coal. The Mining Laws are being well observed. With a full force of men and with the present development and equipment this mine is capable of producing twelve hundred tons daily output.

H. H. WATSON, *Manager.*	O. J. BUSH, *Mine Foreman.*
H. C. ASH, *Superintendent.*	JAMES RAY, *Asst. Mine Foreman.*
D. A. REED, *Superintendent.*	JOHN COMER, *Fire Boss*
BLAND COURTNEY, *Superintendent.*	

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 217. *No. 42.—Pittsburg Seam—6 to 8 feet—Drift—Electric retard.*—This mine is located on Robinson's Run, a small tributary of the West Fork River, thirteen and one-half miles North of Clarksburg, on a branch off of the Short Line Division of the B. & O. Railroad. It is equipped with electricity for cutting the coal, hauling same and for other purposes to which electric power is used around an up-to-date mine plant. The outside fixtures consist of all necessary buildings, machinery, etc., which go to make an up-to-date mine of medium capacity. It is opened up on the triple entry system, The Room headings are on the double entry system. It is ventilated by a large fan of the Centrifugal type. The ventilating current is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. and as a rule it is good throughout the mine. The roof is of a dangerous character if not promptly and properly timbered. The timbering, however, is carefully looked after. The drainage is kept in a satisfactory condition by means of electric pumps. The undercutting is done by electric machines of the chain type. The blasting, by permissible powder exclusively. It is gathered and hauled to the side tracks on the inside by horses and mules, from there to the drift-mouth at the foot of the retard by electric motors, where it is hoisted to the tipple and dumped into railroad cars. Gas liberates in small quantities from the working faces, but it was well taken care of with sufficient ventilation. A certified fire boss was employed, who examined the working faces with a safety lamp before the men were permitted to enter for the purpose of working therein. Open lights were used by the miners. The mining Laws were being complied with. With the development and equipments which were on the ground the mine was capable of producing one thousand tons daily. For some reason unknown to the writer this mine was dismantled during the latter part of last inspection year, and

I have no information as to the future intentions of the operating company relative to it.

H. H. WATSON, *Manager*.
HARRY TOOTHMAN, *Superintendent*.
LUTHER KING, *Mine Foreman*.
SAM CUNNINGHAM, *Fire Boss*.
JOHN DONLIN, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

INTERSTATE.

(General Offices, Fairmont.)

No 218. *No. 44.—Pittsburg Seam—Thickness 6 to 8 feet—Drift—Incline.*—This mine is located eight miles South of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad, on the waters of Brown's Creek. It was equipped with electric appliance to undercut the coal and to propel the fan. The outside fixtures were such as go to equip a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation was produced by a disc fan of the Stine type. The roof is of a very dangerous character, which required careful timbering to prevent falls of roof and accidents and inconvenience resulting therefrom. The timbering, however, was carefully looked after. The drainage was mostly natural and was kept in a lawful condition. The coal was undercut by machines of the electric type, blasted with permissible powder exclusively, and gathered and hauled to the drift-mouth at the head of the plane by horses and mules, from there it was lowered to the tipple by traction and dumped into the railroad cars. No gas liberated from the coal. The miners used open lights for illumination. The Mining Laws were being observed. With a full force of men and present development the mine was capable of producing six hundred tons daily. For some unknown reason this mine was closed down during the latter part of last inspection year and the writer has no information as to the Company's plans as to its resumption.

H. H. WATSON, *Manager*.
P. B. ROBINSON, *Superintendent*.
NATHAN McMASTERS, *Mine Foreman*.

THE CONSOLIDATION COAL COMPANY.

GLENN FALLS.

(General Offices, Fairmont.)

No. 219. *No. 48.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—The location of this mine is three miles North of Clarksburg, W. Va., on the M. R. Division of the B. & O. Railroad. It is equipped with electricity to propel the fan, undercut and haul the coal. The outside fixtures are such as go to equip a mine of this character, of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a stine fan of the disc type and it is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. and as a rule, it is good throughout the mine. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering to prevent falls of slate and accidents resulting therefrom. The timbering, as a rule, is carefully looked after. The drainage is, as a rule, kept in satisfactory condition. The undercutting is done by chain machines, the blasting by permissible and black powder. It is gathered and hauled to the side tracks on the interior by means of horses and mules, from there to the tipple by an electric motor, where it is dumped into the railroad cars. No gas liberates from the working faces, and open lights are used by the miners for illumination. The Mining Laws are being observed. With a full force of men, and with the present development and equipment, this mine is capable of producing six hundred tons daily output.

H. H. WATSON, *Manager*.
A. C. ICE, *Superintendent*.
ISAAC MARTIN, *Mine Foreman*.
J. L. THOMAS, *Asst. Mine Foreman*.
WM. GRIFFITH, *Asst. Mine Foreman*.

THE CONSOLIDATION COAL COMPANY.

ENTERPRISE.

(General Offices, Fairmont.)

No. 220. *No. 49.—Pittsburg seam—Thickness 5 to 9 feet—Drift*—This mine is located nineteen miles north of Clarksburg on the West Fork River on the M. R. Division of the B. & O. Railroad. It is equipped with electricity and the outside fixtures consist of all necessary out-buildings, machinery, miners' houses, etc. to equip a mine of large capacity. During the past year it was connected underground with Consolidation No. 47 mine, since which time the output is hauled underground to the Consolidation No. 47 tipple and dumped into the railroad cars in conjunction with the output of that mine. The main haulway entries are opened up and developed on the triple entry system, and the room entries are being developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connection. It is conducted to the working faces in an approved manner and as a rule it is good throughout. The roof is of a dangerous character which requires very careful timbering to prevent inconvenience and accidents from falls of slate. The timbering as a rule is carefully looked after. The drainage is mostly natural, yet several electric pumps are necessary to properly drain the local dips. The coal is undercut by means of electric machines of the chain type, and by picks. It is blasted with permissible explosives and black powder. It is gathered from the working faces and hauled to the side tracks on the interior by horses and mules, from there to the driftmouth of Consolidation No. 47, as above described, by electric motors. The voltage on electric wires is 260. These wires are carefully looked after to prevent accidents from contact. No gas has been found liberating into the mines during the past year. Two qualified fire bosses are employed to examine the mine on account of gas wells located on the property. Open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men and with the present development, this mine is capable of producing twelve hundred tons daily.

H. H. WATSON, *Manager.*
RUSH MILLER, *Supt.*

L. E. HENDERSON, *Mine Foreman.*
JOS. MURPHY, *Asst. Mine Foreman.*
B. F. PIGOTT, *Fire Boss.*
JOHN KELLEY, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

ADAMSTON.

(General Offices, Fairmont.)

No. 221. *No. 50—No. 1 Mine.—Pittsburg Seam—Thickness 6 to 8 feet—Drift*—This mine is located on a branch off of the Short Line Division of the B. & O. Railroad, on the waters of the West Fork River, about three miles West of Clarksburg. It is equipped with electricity, which is generated on the ground. The outside fixtures consist of all necessary buildings, machinery, etc., that go to equip a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a centrifugal fan with direct steam connection. It is conducted to the working faces by means of approved stoppings, doors, etc. The roof is not as good as the average which overlies the Pittsburg seam in this region, and for that reason it requires exceeding careful timbering to prevent falls of slate and inconvenience, accidents, etc., resulting therefrom. The timbering as a rule, was very carefully looked after. The drainage was difficult in sections, yet it was kept in lawful condition by natural means and by electric pumps. The undercutting was done by electric machines of the chain type. The coal was blasted with permissible powder exclusively, and gathered to the side tracks on the interior of the mine by horses and mules, from where it was hauled to the tipple by an electric motor, the tipple being a twin one which spans a ravine that separates this mine from Consolidation No. 50 No. 2 Mine. The output of both mines being dumped into the railroad cars in connection with each other. Small traces of gas have heretofore been found liberating from the drill holes in the advanced faces, but were being well cared for by means of sufficient ventilation, in addition to a qualified man being employed to examine the faces with a safety lamp before the men were permitted to enter for the purpose of working therein. Open lights were used by the miners for illumination. The State Mining Laws were being well observed. With a full force of men and with the equipment that was on the ground, the mine was capable of producing about eight hundred tons daily.

H. H. WATSON, *Manager*. JAMES RAY, *Mine Foreman*.
D. A. REED, *Superintendent*. ROSCOE SUMMERS, *Fire Boss*.
M. L. SHAFFER, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

ADAMSTON.

(General Offices, Fairmont.)

No. 222. *No. 50—No. 2.—Pittsburg Seam—Thickness 6 to 8 feet—Drift.*—This mine is located on Mines Run, a small tributary of the West Fork River, on the Short Line Division of the B. & O. Railroad. It is equipped with electric appliances to undercut, haul and handle the coal. The outside fixtures consist of all necessary buildings, machinery, etc., including an up-to-date power house which generates the electric current. It is opened up and developed on the double entry system. The ventilating current is produced by a centrifugal fan with direct steam connections. The roof is not as good as the average which overlies the Pittsburg seam in this region. For that reason it requires very careful timbering to prevent falls of slate and accidents, and inconvenience resulting therefrom. The timbering, as a rule, is carefully looked after. The drainage is very difficult in some sections, however, it is kept up in a lawful condition by means of electric pumps and by natural means. The coal is undercut by machines of the chain type. It is blasted with permissible powder exclusively. It is gathered and hauled to the side tracks on the interior of the mine by horses and mules, from where it is hauled to the tipple by an electric motor, where it is dumped into the railroad cars in conjunction with the output of Consolidation No. 50 No. 1 Mine. No gas has been found liberating from the coal during the past year, yet the places were examined by a qualified and certified fire boss before the men were permitted to enter for the purpose of working therein. Open lights were used by the miners for illumination. The Mining Laws were being well observed. With a full force of men and with the equipment on the ground the mine was capable of producing six hundred tons daily. This mine, as well as Consolidation No. 50 No. 1 mine, which worked in conjunction with it, has been closed down since the latter part of the year 1914, and the writer has no information as to the intentions of the operators as to its ultimate resumption.

H. H. WATSON, *Manager*. JAMES RAY, *Mine Foreman*.
D. A. REED, *Superintendent*. ROSCOE SUMMERS, *Fire Boss*.
M. L. SHAFFER, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 223. *No. 51—No. 1 Mine.—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Engine Plane.*—This mine is located fifteen one one-half miles North of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances for undercutting and hauling the coal, as well as lighting the interior. The outside fixtures are such as go to equip a mine of medium capacity. It includes a steam power plant to haul the coal from the drift-mouth up the engine plane to the tipple, and to propel the fan. It is opened up on the double entry system. The ventilation is produced by a Centrifugal fan with direct steam connection. It is conducted to the working faces by means of approved stoppings, over-casts, doors and checks, and as a rule, it is found good throughout. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires very careful timbering to prevent falls of slate and accidents resulting therefrom. The timbering, as a rule, is carefully looked after. The drainage is kept in a lawful condition by means of electric pumps, ditches, etc. The undercutting is done by machines of the chain type. The blasting with both black powder and permissible. It is gathered to the side tracks on the interior of the mine by horses and mules, from where it is hauled to the drift-mouth at the foot of the engine plane by an electric motor, thence up the engine plane by a head rope to the tipple where it is dumped into the railroad cars. Traces of gas have heretofore been found liberating from the coal at some of the advanced working faces, but it was being well cared for by means of sufficient ventilation. A certified fire boss examines the places with a safety lamp before the men are permitted to enter for the purpose of working therein. Open lights are used exclusively by the miners for illumination. The Mining Laws are being well observed. This mine has reached its limits and at this time it is engaged in retreating, however, it in my judgment is capable of producing four hundred tons daily output.

H. H. WATSON, *Manager.*	B. F. FREEMAN, *Mine Foreman.*
J. H. NUZUM *Superintendent.*	GEO. COOK, *Asst. Mine Foreman.*
	THOS. LAIRD, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 224. *No. 51—No. 3 Mine.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located fifteen and one-half miles North of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut and haul the coal, as well as to propel the fan and light the interior of the mine. It has no outside fixtures and equipment other than the fan-house, as it is worked in connection with the Consolidation No. 51 No. 1 Mine, and the output of this mine is hauled, via the first left heading of No. 1 Mine to the mouth of same, at the foot of the engine plane, where it is hauled up the engine plane by the head rope described in the report on that mine. It is opened up and developed on the double entry system. The ventilation is produced by a centrifugal fan with electric connections. It is conducted to the working faces by means of approved stoppings, doors over-casts and checks. As a rule the ventilation is good throughout. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering to prevent accidents from falls of roof. The timbering, as a rule, is systematically and properly done. The drainage is kept in a lawful condition by electric pumps, and by ditches to the outside. The coal is undercut by electric machines of the chain type. It is blasted with permissible and black powder. It is gathered and hauled to the side tracks on the interior by horses and mules, from there as above described by an electric motor. Small quantities of gas have heretofore been found liberating from some of the advanced working faces, yet it was being well cared for by means of sufficient ventilation and by proper attention by a qualified fire boss. Open lights are used by the miners for illumination. The Mining Laws are being observed. With the present development and equipment and with a full force of men, this mine is capable of producing seven hundred tons daily.

H. H. WATSON, *Manager.*	B. F. FREEMAN, *Mine Foreman.*
J. H. NUZUM, *Superintendent.*	GEO. COOK, *Asst. Mine Foreman.*
	THOS. LAIRD, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

OCEAN MINES.

(General Offices, Fairmont.)

No. 225. *No. 52.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located three miles East of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is equipped with compressed air. The outside fixtures consist of power house and other necessary buildings and machinery to equip a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a Centrifugal fan with direct steam connections. It is conducted to the working faces by means of approved stoppings, doors, checks, etc. The roof in some sections of the mine is very bad, while in other sections it is as good as the average which overlies the Pittsburg Seam in this region, however, it all requires very careful attention as to timbering, to insure safety. The timbering, as a rule, is carefully looked after. The water is handled by pumps, and is kept in a satisfactory condition. The undercutting is done by compressed air machines of the puncher type. The blasting with permissible explosives. It is gathered and hauled to the side tracks on the interior by horses and mules, from there to the tipple by head and tail rope. No gas liberates from the faces. Open lights are used by the miners for illumination. The Mining Laws are well observed. During the latter part of last inspection year this mine was closed down indefinitely, and has been intersected underground with Consolidation No. 29 and in the future it will be operated in conjunction with that mine. The former capacity of this mine could have reached twelve hundred tons daily with a full force of men and with the equipment.

H. H. WATSON, *Manager.* GEORGE RUTTER, *Mine Foreman.*
HENRY MARSHALL, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

HAYWOOD.

(General Offices, Fairmont.)

No. 226. *No. 54.—Pittsburg Seam—Thickness 6 to 9 feet—Drift—Engine Plane.*—This mine is located on the West Fork River about twelve miles north of Clarksburg, on a branch off of the Short Line Division of the B. & O. Railroad. It is equipped with electric appliances to undercut the coal. The outside equipment consists of power-house and other necessary buildings, machinery, etc., for a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a fan of the centrifugal type with direct steam connection. It is conducted to the working faces in an approved and lawful manner. The roof is not as good as the average which overlies the Pittsburg seam in this region and it requires very careful attention to prevent falls of slate and accidents resulting therefrom. The timbering is carefully looked after and is very expensive and a matter of daily concern to the manager. The drainage is mostly natural, yet it is assisted by electric pumps and kept in satisfactory condition. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible explosives and hauled to the junction on the interior of the mine by horses and mules, from there it is lowered to the tipple by means of an engine plane and endless rope with hand grips, where it is dumped into the railroad cars. The voltage on electric wires is 250 and it is generated in the power house at the plant. The wires are carefully looked after to prevent contacts, but by reason of the character of the roof it is very difficult at times to keep them properly hung. Traces of gas have heretofore been found liberating at some of the advanced working faces, yet it is well cared for by means of sufficient ventilation, and looked after by a competent fire boss. Open lights are used by the miners for illumination. The State mining laws are being observed. The mine is capable of producing five hundred tons daily output.

H. H. WATSON, *Manager.* EL. TUCKER, *Mine Foreman.*
LOWELL CHILDS, *Superintendent.* MIKE SANGELO, *Fire Boss.*
IRA ROBINSON, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

MEADOWBROOK.

(General Offices, Fairmont.)

No. 227. *No. 55.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located on Simpson Creek, nine miles north of Clarksburg, on a branch off of the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut and haul the coal. The outside fixtures consist of the necessary power-house, tipple, buildings, machinery, etc., to equip a mine of a capacity above the average. It is worked in connection with the Consolidation No. 55 No. 2 mine, the output of both mines being dumped over the same tipple. They are connected under-ground. This mine is opened up and developed on the double entry system. The ventilation is produced by a large fan of the centrifugal type, and by reason of the bad condition of the main air course the full efficiency of the fan is not obtained at this time. The operating company however has projected a new air course paralleling the old one. When this work is completed the fan will be much more efficient. The ventilating currents are conducted to the working faces in an approved and lawful manner, with good results. The roof is of the usual character which overlies the Pittsburg seam, which requires prompt and careful timbering to prevent inconvenience and accidents from falls of slate. The timbering as a rule is carefully looked after. The drainage is difficult in some sections. It is obtained by natural means assisted by electric pumps. The coal is undercut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives, and is hauled to the side tracks on the interior by horses and mules, from there to the tipple by an electric motor, where it is dumped into the railroad cars. The voltage on electric wires is 250, and on date of last visit the wires were being put in lawful condition to prevent contacts. No gas liberates from the coal in this mine. Open lights are used by the miners for illumination. The state mining laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing seven hundred tons daily.

H. H. WATSON, *Manager.* R. H. KANN, *Mine Foreman.*
THOS. JARRETT, JR., *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

MEADOWBROOK.

(General Offices, Fairmont.)

No. 228. *No. 55—No. 2 Mine.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located nine miles north of Clarksburg, on Simpsons Creek, on a branch off of the M. R. Division of the B. & O. Railroad. It is equipped with electricity to undercut and haul the coal. It is worked in connection with Consolidation No. 55 mine and probably should have been reported in connection with that mine, as they are intersected underground and the output of both mines is hauled with the same electric motor to the tipple and dumped into the railroad cars together. It has no outside fixtures and is developed on the double entry system. It is ventilated by the same fan described in the report on Consolidation No. 55 mine. The ventilation is conducted to the working faces in an approved manner. The roof is of the usual character which overlies the Pittsburg coal in this region, which requires careful timbering to prevent accidents and inconveniences from falls of slate. The timbering as a rule is carefully looked after. The drainage is difficult in some sections. It is obtained by natural means and assisted by electric pumps. It is kept in a satisfactory condition. The coal is undercut by electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and hauled to the side tracks on the interior by horses and mules, from there to the tipple as above described, where it is dumped into the railroad cars. The electric wires conduct a voltage of 250. The power is generated at the plant. The electric wires were being put in proper condition to prevent contacts, on date of last visit by the inspector. No gas liberates from the coal, and open lights are used by the miners for illumination. The mining laws are being observed. This mine (or sections of the mine) is capable of producing three hundred and fifty tons daily.

H. H. WATSON, *Manager.* R. H. KAHN, *Mine Foreman.*
THOS JARRETT, JR., *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG.

(General Offices, Fairmont.)

No. 229. *No. 58.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is equipped with electric appliances, the power being generated on the property. It is located on the Parkersburg branch of the B. & O. Railroad, one and one-half miles East of Clarksburg. It is opened up and developed on the double entry system, and the ventilation is produced by a fan of the disc type with electric connections. It is conducted to the working faces by means of approved stoppings, doors, etc., and as a rule it is good throughout the development. The roof is of a dangerous character if not promptly and properly timbered in the working places. The timbering is carefully looked after. The drainage is kept in a satisfactory condition by means of electric pumps, ditches, etc. The coal is undercut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and gathered and hauled to the side tracks on the interior by horses and mules, from there to the outside by an electric motor where it is hoisted up to the tipple by an electric retard, and dumped into the railroad cars. No gas is found liberating from the coal in this mine. The electric wires are kept in good condition to prevent accidents from contact. The State Mining Laws are being observed. With a full force of men and with the equipment and development at hand this mine is capable of producing one thousand tons daily.

H. H. WATSON, *Manager*. M. J. ROONEY, *Mine Foreman*.
LUKE MURRAY, *Superintendent*.

THE CONSOLIDATION COAL COMPANY.

MT. CLARE.

(General Offices Fairmont.)

No. 230. *No. 60.—Pittsburg Seam—Thickness 6 to 7 feet—Drift—Incline.*—This mine is located seven and one-half miles South of Clarksburg, on the West Virginia & Pittsburg Division of the B. & O. Railroad, on Browns Creek, a tributary of the West Fork River. It is equipped with electric appliances to cut the coal and to propel the fan. The outside equipment consists of blacksmith shop, tipple and a few other necessary buildings. It is opened up on the double entry system. The ventilating current is produced by a disc fan with electric connections. The roof is not as good as that of the usual character which overlies the Pittsburg seam in this region, and falls of slate are very prevalent, notwithstanding the careful attention given to the timbering. The drainage is also very difficult in some places and it was almost physically impossible to keep it in satisfactory and lawful condition. The undercutting was done by an electric machine of the chain type, and with hand picks. The blasting by permissible powder exclusively. The coal was gathered and hauled to the drift mouth at the head of the incline plane, by horses and mules. The electric power used at this plant was purchased from the Hutchinson Coal Company, who operated mines nearby. The electric wires were kept in as safe a condition as consistent with the natural conditions. No gas liberated from the coal. Open lights were used by the miners for illumination. The capacity of this mine would be somewhere around three hundred tons daily. The Mining Laws were being observed. This mine has been closed down since the latter part of last year.

H. H. WATSON, *Manager*. J. M. MATHENY, *Mine Foreman*.
E. G. VINCENT, *Superintendent*.

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 231. *No. 61.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This is an electrically equipped plant with all necessary outbuildings, such as miners houses, tipple, machine-shops, blacksmith shop and fan-house. The mine is located eighteen miles north of Clarksburg, on Mud Lick's Run, on a branch off of the M. R. Division of the B. & O. Railroad. The ventilation is produced by a seven-foot fan of the disc type, with electric connections. It is conducted to the working faces by means of approved stoppings, over-casts, doors, etc., and is found sufficient throughout to insure sanitation and safety. The roof is of the usual character which over-lies the Pittsburg coal in this region, which requires very careful timbering to prevent accidents. The timbering, as a rule, is well looked after. The drainage is difficult in some sections, yet it is kept in a satisfactory condition by means of electric pumps, ditching, etc. The coal is undercut by means of electric machines of the chain type, and by hand picks. It is blasted with permissible explosives and hauled to the side tracks on the interior of the mine by horses and mules, from thence to the tipple at the mouth of Consolidation No. 32 mine, where it is dumped into the railroad cars in conjunction with the output of that mine. No gas liberates in this mine, but by reason of numerous gas wells adjacent to the property a qualified and certified man examines the places with a safety lamp before the men are permitted to enter for the purpose of working therein. The voltage on electric wires is 260, and on date of last visit these wires were being put in proper condition to prevent accidents from contacts. The State Mining Laws are being observed. With a full force of men and with the present development and equipment this mine is capable of producing four hundred tons daily output. ,

H. H. WATSON, *Manager.*
C. H. HIGINBOTHAM, *Superintendent.* J. K. WALTERS, *Mine Foreman.*
C. W. TARLETON, *Inside Superintendent.* C. N. REEVES, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

ADAMSTON.

(General Offices, Fairmont.)

No. 232. *No. 62.—Pittsburg Seam—Thickness 6 to 9 feet—Drift—Incline.*—This mine is located two and one-half miles west of Clarksburg, on the West Fork River, on the Short Line Division of the B. & O. Railroad. It is equipped with electric appliances to undercut the coal and to propel the fan. The outside fixtures consist of the necessary buildings, etc., to equip a mine of medium capacity It is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, and conducted to the working faces and throughout the mine in an approved manner. The roof is very bad in some sections, while in other sections it is as good as the average which overlies the Pittsburg seam in this region, it all, however, requires very careful timbering to prevent falls of slate and accidents resulting therefrom. The drainage is kept in a satisfactory condition by means of electric pumps, ditches, etc. The coal is undercut by electric machines of the chain type. It is blasted with permissible explosives and gathered from the working places and hauled to the outside by horses and mules, from there it is lowered to the tipple by traction plane where it is dumped into the railroad cars. The electric wires carry a voltage of 250, which is generated in the power house located at the Consolidation No. 50 Nos. 1 and 2 mines, which have been closed down since the latter part of last year. On date of last visit by the inspector, the electric wires were receiving attention to prevent accidents from contact. Small traces of gas have heretofore been found liberating from the drill holes in the faces in a few working places, but it was being well cared for by means of sufficient air, and was looked after by a qualified fire boss. Open lights are used by the miners for illumination. With a full force of men, with the present development and equipment, this mine is capable of producing five hundred tons daily.

H. H. WATSON, *Manager* A. A. EVANS, *Supt. and Mine Foreman.*
M. L. SHAFFER, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

INTERSTATE.

(General Offices, Fairmont.)

No. 233. *No. 64.—Pittsburg Seam—Thickness 6 to 9 feet—Drift.*—The location of this mine is eight miles South of Clarksburg, on the West Virginia and Pittsburg Division of the B. & O. Railroad, on Brown's Creek, a tributary of the West Fork River. It is equipped with both electricity and compressed air, however, the principal power used in this mine is compressed air. The electric current being generated at this mine to be used at Consolidation No. 44 Mine belonging to the same Company and located nearby. The outside fixtures consist of powerhouse, tipple, miners' houses and other necessary buildings, and machinery, which go to make up a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a centrifugal fan with direct steam connection. It is conducted to the working faces by the means provided by law, and as a rule, it is found good. The roof in some sections of this mine is exceedingly good, while in other sections it is very bad. The timbering is carefully looked after. The drainage is kept in a lawful condition by means of compressed air pumps. The undercutting is done by compressed air machines of the puncher type. The coal is blasted with permissible powder exclusively. It is gathered and hauled to the tipple by horses and mules, where it is dumped into the railroad cars. No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining Laws were being observed. With a full force of men the mine was capable of producing one thousand tons daily output. This mine has been closed down since the latter part of last year.

H. H. WATSON, *Manager*. J. L. THOMAS, *Mine Foreman*.
P. B. ROBINSON, *Superintendent*.

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 234. *No. 65.—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Engine Plane.*—This mine is located fifteen miles north of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut and haul the coal. The outside equipment consists of all necessary buildings, machinery, etc., to equip a mine of medium capacity. The main entries are developed on the triple entry system. The room entries on the double entry system. The ventilation is produced by a centrifugal fan. with direct steam connection. It is conducted to the working faces in a lawful and approved manner. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering to prevent accidents and inconveniences from falls of slate. The timbering as a rule was found in a satisfactory condition. The drainage is mostly natural, yet electric pumps assist in the local dips. The coal is undercut by electric machines of the chain type, and by hand picks. It is blasted with permissible explosives. It is gathered from the working faces and hauled to the side tracks on the interior by horses and mules, from there it is hauled by an electric motor to the driftmouth at the foot of the engine plane, thence to the tipple by endless rope, where it is dumped into the railroad cars. The electric wires carry a voltage of 260, and as a rule they are carefully looked after and safe-guarded to prevent contact. Small quantities of gas liberates at some of the advanced faces from the drill holes, but it is being well cared for and looked after by sufficient ventilation, and a qualified fire boss. The state mining laws are being observed. The mine is capable of producing eight hundred tons daily. It has been closed down since the latter part of last year. I have no information as to when it will resume operation.

H. H. WATSON, *Manager*. GEORGE COOK, *Mine Foreman*.
J. H. NUZUM, *Superintendent*. SAMUEL CROMER, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

(General Offices, Fairmont.)

No. 235. *No. 66.—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Engine Plane.*—This mine is located seventeen and one-half miles north of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut and haul the coal. The power is generated on the ground. The outside fixtures consist of the electric power house, tipple, fan-house and all other necessary buildings including the miners houses, which go to equip a first class mine of medium capacity. It is opened up on the double entry system and the ventilation is produced by a Stine fan of the disc type, with steam connections. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering to prevent falls of slate and inconvenience, accidents, etc. The timbering, as a rule, is carefully looked after. The drainage is difficult in sections, yet it is kept in lawful condition by electric pumps, and by natural means. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible explosives. It is gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there to the drift mouth by an electric motor, thence it is hoisted to the tipple by the Wagner Palmros System and dumped into the railroad cars. The electric wires are being carefully looked after to prevent accidents No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining Laws are being observed. With a full force of men, and with the present development and equipment this mine is capable of producing six hundred tons daily output.

H. H. WATSON, *Manager.*	JOHN WALTERS, *Mine Foreman.*
THOS. POLLOCK, *Superintendent.*	EARL SHUTTLEWORTH, *Mine Foreman.*
C. H. HIGINBOTHAM, *Superintendent.*	
HARRY TOOTHMAN, *Asst. Superintendent.*	

THE CONSOLIDATION COAL COMPANY.

GYPSY.

(General Offices, Fairmont.)

No. 236. *No. 77.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located twelve and one-half miles north of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electricity to cut and haul the coal. It is worked in connection with the Consolidation No. 21 mine, it being intersected underground with the last named mine. There is no outside fixtures other thaan the fan and fan-house. It is opened up on the double entry system, and the ventilatiion is produced by a stine fan of the disc type. It is conducted to the working faces in an approved and lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering as a rule is carefully looked after. The drainage is a little difficult in some sections, yet it is kept in satisfactory condition by means of electric pumps. The undercutting is done with electric machines of the chain type, and with hand picks. The coal is blasted with permissible powder, gathered and hauled to the side tracks on the interior by horses and mules, from there to the junction on the inside of Consolidation No. 21 mine by an electric motor, from thence to the tipple by means of an endless rope and grip cars, where it is dumped into the railroad cars in conjunction with the output of Consolidation No. 21 mine. The electric wires cary voltage of 250. They are being carefully looked after. No gas liberates from the coal. The miners use open lights for illumination. The mining laws are being observed. The development has reached its limits and the mine is retreating it is therefore hard to estimate the daily output. It could probably produce three hundred tons daily.

H. H. WATSON, *Manager.*	L. C. DENT, *Mine Foreman.*
W. H. HESS, *Superintendent.*	GEO. HAMRICK, *Asst. Mine Foreman.*
	DAVE TUCKER, *Fire Boss.*

CALIF COAL COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 237. *Calif.—Redstone Seam—Thickness 6 feet—Drift—Incline.*—This mine is located fifteen miles south of Clarksburg, on the West Va. & Pittsburg Division of the B. & O. Railroad. It is equipped with electricity to undercut the coal and to propel the fan, the electric current being purchased from the M. V. T. Company. The outside fixtures consist of the necessary buildings, machinery, etc., that go to equip a mine of medium capacity. It is opened up on the double entry system and ventilated by a Stine fan of the disc type with electric connections. The ventilation is conducted to the faces and throughout the mine in an approved manner. The roof is exceedingly good except in places where clay-veins are encountered. In these places it is very bad and requires careful timbering to prevent accidents from falls of slate. The drainage is a little difficult in some sections, yet with a little expenditure it can be kept in good condition. The coal is undercut with electric machines of the chain type, and by hand picks. It is blasted with permissible explosives, gathered and hauled to the side track on the interior by horses and mules, from there it is hauled to the knuckle at the head of the plane by a gasoline motor, where it is lowered by traction and dumped into the railroad cars. The voltage on electric wires is 550. Insulated wires are used for the inside of the mine and same are kept in good condition. No gas liberates from the coal and open lights are used by the miners. The mining laws are being observed. Formerly this mine was reported as Calif No. 2, the Calif No. 1 mine being in the Pittsburg seam and was intended to be worked in connection with this one. The coal, however, was so irregular in thickness, not being over four feet and the roof being unusually bad, its operation was abandoned, and it did not produce any coal during the last year. With a full force of men and with the present development and equipment, the first described mine is capable of producing five hundred tons daily.

A. C. LISENRING, *General Manager*. HARRY S. HUBER, *Mine Foreman*.
J. G. BULMER, *Superintendent*.

CORONA COAL & COKE COMPANY.

CLARKSBURG.

(General Offices, Pittsburg, Pa.)

No. 238. *Harold.—Pittsburg Seam—Thickness 7 to 9 feet.—Drift—Incline.*—This mine is located two miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad, on the West Fork River. It is equipped with electric appliances to cut and haul the coal, as well as to propel the fan. The other outside fixtures consist of the necessary buildings, including miner's houses to constitute a mine of medium capacity. It is opened up and developed on the double entry system. It is ventilated by means of a Stine fan of the disc type. The ventilating currents are conducted to the working faces in a lawful manner. The roof varies in character, some sections of which are above the average overlying the Pittsburg seam in this region, while other sections are below it. The timbering is carefully looked after to prevent falls of slate, and accidents resulting therefrom. The drainage is difficult in some sections, but it is kept in lawful condition by electric pumps. The undercutting is done by electric machines of the chain type, and with hand picks. The blasting with permissible powder exclusively. The coal is gathered and hauled to the side tracks on the interior by horses and mules, from there to the driftmouth at the head of the plane by an electric motor. The electric current is 550 volts. The electric wires are carefully looked after. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are carefully observed. The capacity of this mine at this time is hard to estimate, by reason of it being on the retreat, and it necessarily will get less, yet I think it capable of producing two hundred and fifty tons daily.

S. A. TAYLOR, *General Manager*. THOS. HORTON, *Mine Foreman*.
ED. CLINGAN, *Superintendent*.

FAIRMONT & BALTIMORE COAL & COKE COMPANY.

ADAMSTON.

(General Offices, Adamston.)

No. 239. *Fairmore.—Pittsburg Seam—Thickness 7 to 9 feet—Drift—Engine Plane.*—This mine is located two miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is equipped (In the New Hill section of the mine) with electricity to undercut the coal, the power being purchased from the M. V. T. Company. The outside fixtures consist of all the necessary machinery and other buildings which go to equip a mine of medium capacity. This mine is reported to the Department as being two natural and distinct different mines under the same name, with (Old Hill) and (New Hill) prefixed to distinguish them, by reason of convenience I choose this method of describing them together as they are worked in connection with each other. They are opened up on the double entry system, and ventilated by means of two furnaces and one Centrifugal fan which is operated by steam. The ventilation is conducted to the working faces and throughout the mines in an approved and lawful manner. The roof is bad in some sections and in other parts, it is above the average of this region. The timbering is carefully looked after to prevent falls and accidents resulting. The undercutting is done by electric machines of the chain type, and by hand picks. The blasting with permissible powder. The coal is gathered and hauled to the side tracks at the drift mouths by horses and mules, from there it is hauled around the hill on the outside to the head of the engine plane by steam locomotives, from where it is lowered to the tipple by head rope with a hoisting engine. The voltage is 550, and the electric wires, used as conductives in the mines, are carefully looked after to prevent accidents from contacts. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men, and with the present equipment, the mine is capable of producing about five hundred tons daily.

IRVING ADAMS, *General Manager*. CLEO. MONK, *Mine Foreman*.
A. LISLE WHITE, *Superintendent*.

FAYETTE COAL COMPANY.

DOLA.

(General Offices, Uniontown, Pa.)

No. 240. *Fayette.—Pittsburg Seam—Thickness 6 to 7 feet—Drift.*—The location of this mine is sixteen miles northwest of Clarksburg on the Short line Division of the B. & O. Railroad on Ten Mile Creek. It is equipped with compressed air to undercut the coal and with gasoline motor to haul the same from the drift openings to the tipple, which is located some distance from the present opening. The outside fixtures consist of the necessary machinery, buildings, etc., to equip a mine of medium capacity. It is opened up on the double entry system and the ventilating current is produced by a disc fan with steam connections. It is conducted to the working faces and throughout the mine as provided by law. The roof is of a very dangerous character, which requires very prompt and careful timbering to prevent accidents and inconvenience from falls of slate. The timbering is, therefore, very carefully looked after. The drainage is natural and it is exceedingly good. The undercutting is done by compressed air as above described. The blasting with permissible powder exclusively. The coal is gathered to the side tracks near the drift mouth, by horses and mules. No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining Laws are being complied with. With a full force of men and with the present development and equipment this mine is capable of producing six hundred tons daily. Sometime ago this Company was declared insolvent, and was compelled to close the mine, which has been idle since that date.

E. DALE FIELD, *General Manager*. L. D. VINCENT, *Mine Foreman*.
B. T. GREAVES, *Superintendent*.

FRANCOIS COAL & COKE COMPANY.

CLARKSBURG,

(General Offices, Clarksburg.)

No. 241. *Norwood Nos. 1, 2, 3 & 4.—Pittsburg Seam—Thickness 6 to 8 feet—Drift—(formerly incline)*—These mines are located three miles southeast of Clarksburg, on a branch off of the Parkersburg Branch of the B. & O. Railroad. They are equipped with electricity to undercut the coal and to propel the fan, operate the pumps, etc. The outside fixtures consist of the necessary buildings, machinery, etc., to equip a mine with an output above the average. These openings were made on the double entry system. At this time they are all intersected underground and are being operated in connection with each other. All of the coal being hauled to the tipple via. the mouth of No. 2 opening. They are ventilated by a Stine fan of the disc type with electric connections. The ventilating current is conducted to the working faces in an approved manner. The roof is not as good as the average which overlies the Pittsburg seam in this region, it therefore requires very careful timbering. The timbering is carefully looked after. The drainage is kept in good condition with electric pumps and ditches. The coal is undercut by electric machines of the chain type. It is blasted with permissible powder and gathered and hauled to the side tracks near the drift openings by horses and mules, from there to the tipple by a gasoline motor, where it is dumped into the railroad cars. The voltage on electric wires is 550. They are being looked after to prevent accidents from contact. No gas liberates from the coal and open lights are used by the miners. The mining laws are being observed. The capacity of this mine will increase as the development is made. At this time it is capable of producing seven hundred tons daily.

V. E. GOCKE, *Gen. Manager and Superintendent.* WM. MCOLVIN, *Mine Foreman.*

FRANCOIS COAL & COKE COMPANY.

CLARKSBURG.

No. 242. *Norwood No. 5.—Pittsburg seam—Thickness 7 to 9 feet—Drift—Incline.*—This mine is located three miles southeast of Clarksburg, on a branch off of the Parkersburg branch of the B. & O. Railroad. It is a pick mine with no outside equipment other than the wheel-house and incline plane. The output of this mine is lowered by traction to the foot of the hill from where it is hauled to the tipple by the same gasoline motor that hauls the output of the No. 1, 2, 3 and 4 mines, this mine being operated in a hill which is separated from the other mines by a ravine, and the output is dumped into the railroad cars in connection with their output. It is opened up on the double entry system. It is ventilated by natural means, there being numerous holes to the outside from the mine workings. The roof is of the usual character. The timbering is well looked after. The drainage is kept in satisfactory condition. The coal is undercut with hand picks as above stated, blasted with permissible explosives, gathered and hauled to the knuckle with horses and mules, and lowered as above described. No gas liberates from the coal. Open lights are being used by the miners. The mining laws are well observed. The present capacity of the mine is about three hundred tons daily.

V. E. GOCKE, *Gen. Manager and Superintendent.* R. A. BROWN, *Mine Foreman.*

HARRY B. COAL & COKE COMPANY.

CLARKSBURG.

(General offices, Fairmont.)

No. 243. *Pitcairn.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—This mine is located one mile south of Clarksburg, on a branch off of the W. Va. & Pittsburg Division of the B. & O. Railroad. The mine at this time consists of two natural and distinct different openings in separate hills, and is classed as Pitcairn and Pitcairn No. 2 opening. They are ventilated by different equipment, yet by reason of the output of the No. 2 opening being hauled through the No. 1 Mine, I choose at this time to make the description as one mine. The outside fixtures consist of the necessary buildings, machinery, power-house and also numerous miner's houses. Electric power is generated on the property to haul the coal and to propel the fan. These openings and the development is made on the double entry system. The ventilation is produced by two fans, one of which is propelled by a steam engine with direct connections, it being of the centrifugal type. The other one is a Stine fan of the disc type with electric connections. The ventilating currents are conducted to the working faces and throughout the development in an approved and lawful manner. The roof is of the usual character overlying the Pittsburg seam in this region, and it is carefully timbered as a rule to prevent falls of slate, accidents, and inconvenience. The drainage is very difficult in some sections, and during a larger part of the past year it was not in a very satisfactory condition. It has, however, been greatly improved during the latter part of last inspection year. The coal is undercut with electric machines of the chain type, and with hand picks. It is blasted with permissible and black powder. It is gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there to the drift-mouth by electric motors, from thence to the tipple located a short distance from the drift mouth, by a steam locomotive, where it is dumped into the railroad cars. The electric wires conduct the voltage of 250 and it is hard to maintain them in proper condition by reason of the local conditions found on the inside. They are, however, given careful attention to prevent accidents from contacts. No gas has been found liberating from the coal during the past year. Open lights are used by the miners for illumination. The state Mining laws are being complied with. With a full force of men and with the present development and equipment, the mine is capable of producing nine hundred tons daily.

HARRY B. CLARK, *Genl. Manager*. C. D. POWELL, *Mine Foreman*.
JOHN A. CLARK, JR., *Superintendent*.

HAYWOOO COAL MINING COMPANY.

SHINNSTON.

(General Offices, McKeesport, Pa.)

No. 244. *Monroe.—Pittsburg Seam—Thicknesss 7 to 9 feet—Electric Retard.*—This mine is located fourteen miles North of Clarksburg, on the West Fork River, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut the coal, and to propel the fan, as well as run the retard hoist, the electric power being purchased from the M. V. T. Company. The outside fixtures consist of the necessary buildings, machinery, etc. which go to constitute a mine of medium capacity. It is opened up on the double entry system. The ventilation is produced by a Stine fan of the disc type, with direct electric connections. It is conducted throughout the mine in a lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires very careful timbering to prevent falls of slate and accidents, as well as inconvenience resulting therefrom. The timbering for this reason is carefully looked after. The drainage in some sections of the mine is very difficult. It is kept, however, in a lawful condition by means of electric pumps. The undercutting is done by electric machines of the chain type. The blasting with permissible explosives. The coal is gathered and hauled to the outside at the foot of the electric retard by horses and mules from where it is hoisted to the tipple and dumped into the railroad cars. The electric wires are carefully looked after by reason of the voltage being 550, and dangerous from contacts. No gas has been found liberating from the coal during the past year. Open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men, and with the present development and equipment, this mine is capable of producing six hundred tons daily.

C. H. WISSER, *Genl. Manager*. ARTHUR STURM, *Mine Foreman*.
GEORGE WISSER, *Superintendent*.

HERO COAL & COKE COMPANY.

(Changed to Antler Coal Company.)

LUMBERPORT.

(General Offices, Fairmont.)

No. 245. *Hero Mine, Changed to Katherine.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—The location of this mine is ten and one-half miles North of Clarksburg, on the Short Line division of the B. & O. Railroad, on the West Fork River. It is a pick mine and the equipment consists of the necessary buildings and appliances to equip a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, propelled by a gas engine. It is conducted throughout the mine in an approved and lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires very careful attention as to timbering to prevent falls of slate and inconvenience and accidents resulting therefrom. The timbering, as a rule, in the working places has been found good in the past year, but the main heading was in bad condition. Improvements are in progress at this time in timbering this heading. The drainage as a rule is kept in good condition by means of pumps and ditches. The undercutting is done by hand picks. The coal is blasted with permissible powder. It is gathered and hauled to the tipple by horses and mules, where it is dumped into the railroad cars. No gas has been found liberating recently from the coal. Slight traces formerly were found, at which time it was carefully looked after. Open lights are used by the miners for illumination. The Mining Laws are being observed. With a full force of men and with the present development and equipment this mine would not be able to produce more than two hundred tons daily, as it has reached its limits and is engaged in retreating.

Former Officials.	Present Officials.
E. L. ZEARLY, *Genl. Manager.*	T. W. ARNETT, *Genl. Manager.*
J. R. ELSESS, *Superintendent.*	J. R. ELSESS, *Superintendent.*
BRICE MANNING, *Mine Foreman.*	U. N. ARNETT, JR., *Superintendent.*
	J. M. REYNOLDS, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

REYNOLDSVILLE.

(General Offices, Fairmont.)

No. 246. *Delta.—Pittsburg seam—Thickness 6 to 8 feet—Slope.*—This mine is located seven miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is equipped with compressed air. The outside fixtures consist of power-house and the other necessary buildings, machinery, etc. to equip a mine of small capacity. It is opened up on the double entry system, and the ventilation is produced by a small high-speed fan with steam connection. It is conducted to the working faces and throughout in a lawful manner. The roof is not as good as that usually found overlying the Pittsburg seam in this region. It, therefore, requires extraordinary care and attention to prevent accidents and inconvenience from falls of slate. The timbering is carefully looked after. The drainage is very difficult, yet it is kept in lawful condition by means of compressed air pumps. The undercutting is done with compressed air machines of the puncher types. The blasting with permissible powder exclusively. The coal is gathered and hauled to the side tracks on the interior by means of horses and mules, from there it is hauled to the tipple by a head rope, where it is dumped into the railroad cars. Gas has been found escaping into this mine from gas wells located adjacent to it, on two or three occasions during the past year. It was removed by sufficient ventilation. It is carefully looked after by a qualified fire boss before the men are permitted to enter for the purpose of working therein. Open lights are used by the miners for illumination. The mining laws are being carefully observed. This mine has reached its limits, and is engaged in retreating, and at this time it is not capable of producing to exceed two hundred tons daily output.

C. H. JENKINS, *Genl. Manager.*
C. J. RYAN, *Genl. Superintendent.*
W. B. MALONE, *Superintendent.*
JAMES CUMMINGS, *Mine Foreman.*
ROBT. ADCOCK, *Fire Boss.*

HUTCHINSON COAL COMPANY.

HEPZIBAH.

(General Offices, Fairmont.)

No. 247. *Erie No. 1 Mine.—Pittsburg seam—Thickness 6 to 9 feet—Drift—Engine Plane.*—This mine is located six miles north of Clarksburg, on the Short Line Division of the B. & O. Railroad, on the West Fork River. It was opened up and developed on the double entry system, and equipped with both electricity and compressed air, for cutting, hauling and handling the coal. It is worked in connection with the Erie No. 2 mine. The outside fixtures consist of the necessary buildings, machinery, etc., which go to constitute a mine of a capacity above the average. It is ventilated by a Centrifugal fan with steam connections. The ventilating currents are conducted to the working faces and throughout in a lawful manner. The roof is of the usual character overlying the Pittsburg seam in this region, and the timbering is carefully looked after to prevent accidents and inconvenience from falls of slate. The drainage is difficult, yet the water is handled in a satisfactory manner by means of electric pumps. The undercutting is done by machines and hand picks. The coal is blasted with permissible powder. It is gathered and hauled to the side tracks on the interior by horses and mules, from there to the drift mouth at the foot of the engine plane by electric motor, from where it is hoisted to the tipple by a head rope and dumped into the railroad cars. The electric voltage is 250, and is generated on the ground. The electric wires are carefully looked after to prevent accidents. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. This mine has reached its limits and at this time it is retreating. The capacity is, therefore, hard to estimate as it is necessarily getting less. I judge, however, it is capable of producing one hundred tons daily.

C. H. JENKINS, *Genl. Manager*. ELI MORRIS, *Mine Foreman*.
C. J. RYAN, *Genl. Superintendent*.
JOHN DAILY, *Superintendent*.

HUTCHINSON COAL COMPANY.

HEPZIBAH.

(General Offices, Fairmont.)

No. 248. *Erie No. 2 Mine.—Pittsburg Seam—6 to 9 feet—Drift.*—This mine is located on Lambert's Run, a small tributary of the West Fork River, on the Short Line Division of the B. & O. Railroad. It is worked in connection with the Erie No. 1 mine. It is equipped with electric appliances for cutting, hauling and handling the coal. The outside fixtures are identical with those described in the report on Erie No. 1 mine. It is opened up and developed on the four entry system, with the exceptions of the room entries, which are developed on the double entry system. The ventilation is produced by a high-speed fan of the centrifugal type. It is conducted to the working faces and throughout the mine in a lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering is carefully looked after to prevent accidents, and inconvenience from falls of slate. The drainage is very difficult in some sections, yet it is kept in a lawful condition by electric pumps. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible explosives and gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there it is hauled by an electric motor, via. the main heading of Erie No. 1 mine, to the mouth of same at the foot of the engine plane, thence hoisted to the tipple by head rope, where it is dumped into the railroad cars. The voltage on the electric wires is 250. They are carefully looked after to prevent accidents from contact. No gas liberates from the coal, and open lights are used by the miners for illumination. The State Mining Laws are well observed. With a full force of men and the present development and equipment, this mine is capable of producing nine hundred tons daily.

C. H. JENKINS, *Genl. Manager*. ELI MORRIS, *Mine Foreman*.
C. J. RYAN, *Genl. Superintendent*. LEE DRUMMOND, *Mine Foreman*.
JOHN DAILY, *Superintendent*.

HUTCHINSON COAL COMPANY.

MT. CLARE.

(General Offices, Fairmont.)

No. 249. *Florence.—Pittsburg seam—Thickness 5 to 8 feet—Drift.*—This mine is located eight miles south of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad. It is equipped with electric applances to undercut and haul the coal, the electric power being purchased from the M. V. T. Company. The outside fixtures consist of all the necessary buildings and machinery to equip a mine of medium capacity. It is opened up on the double entry system. The ventilation is produced by a Stine fan of the disc type with electric connections. The ventilating current is conducted to the working faces and throughout in an approved manner. The roof is not as good as the average which overlies the Pittsburg seam, it therefore requires very careful timbering to prevent accidents from falls of slate. The timbering is carefully looked after. The drainage is kept in good condition. The coal is undercut by electric machines of the chain type. It is blasted with permissible explosives, gathered and hauled to the side tracks by horses and mules, from there to the tipple by an electric motor. The voltage is 550 and the electric wires are well looked after to prevent accidents from contact. No gas liberates from the coal, and open lights are used by the miners. The mining laws are being well observed. With a full force of men, with the present development and equipment the mine is capable of producing six hundred tons daily.

C. H. JENKINS, *Genl. Manager.*
C. J. RYAN, *Genl. Superintendent.*
WALTER MILLER, *Superintendent.*
OLIVER MCINTIRE, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

DOLA.

(General Offices, Fairmont.)

No. 250. *Girard No. 1.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*—This mine is located sixteen and one-half miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad. It is worked in connection with Girard No. 2 mine and the outside equipment is identical, and consists of power-house with air compressor, tipple and all other necessary buildings and machinery, including miner's houses, which go to equip a mine of a capacity that is above the average. It is opened up on the double entry system. The ventilation is produced by a centrifugal fan which is propelled by a steam engine. The roof is not as good as the average which overlies the Pittsburg seam of coal in this region, and therefore, requires exceeding careful timbering to prevent falls of same and accidents resulting therefrom. The drainage is very difficult, and the operating company is, at this time, engaged in improving same. The water at present is handled with pumps of the compressed air type. It is kept in as good a condition as possible with the means at hand. The coal is undercut with machines of the compressed air puncher type, and with hand picks. It is blasted with permissible explosives and gathered and hauled to the side track by horses and mules, from there it is hauled to the tipple by gasoline motor. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being well observed. With a full force of men and with the present equipment and development, the mine is capable of producing two hundred and fifty tons daily.

C. H. JENKINS, *Genl. Manager.*
C. J. RYAN, *Genl. Superintendent.*
A. V. MORGAN, *Superintendent.*
CHAS. P. GANDY, *Mine Foreman*

HUTCHINSON COAL COMPANY.

DOLA.

(General Offices, Fairmont.)

No. 251. *Girard No. 2.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*—The location of this mine is sixteen and one-half miles northwest of Clarksburg, on the waters of Ten Mile Creek, on the Shortline Division of the B. & O. Railroad. The outside fixtures are those described in the report on Girard No. 1 mine, as this mine is worked in connection with it. The output of both mines being dumped over the same tipple. It is opened up and developed on the double entry system. The ventilation is produced by a disc fan which is propelled by a steam engine. It is conducted to the working faces and throughout as provided by law. The roof is of the usual character which overlies the Pittsburg seam of coal in this region, and the timbering as a rule, is carefully looked after to prevent falls of slate and accidents and inconvenience resulting therefrom. The drainage is kept in a satisfactory and lawful condition by means of pumps. The undercutting is done by compressed air machines of the puncher type, and by hand picks. The coal is blasted with both permissible and black powder. It is gathered and hauled to the side track near the entrance to the mine by horses and mules, from there it is hauled around the hill to the tipple located at the mouth of Girard No. 1 mine, by a gasoline motor, and dumped into the railroad cars in conjunction with the output of that mine. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being well observed. With a full force of men and with the present development and equipment, this mine is capable of producing five hundred tons daily output.

C. H. JENKINS, *Genl. Manager.*　　CHAS. P. GANDY, *Mine Foreman.*
C. J. RYAN, *Genl. Superintendent.*　　MATTHEW STIRES, *Asst. Mine Foreman.*
A. V. MORGAN, *Superintendent.*

HUTCHINSON COAL COMPANY.

MT. CLARE.

(General Offices, Fairmont.)

No. 252. *Hutchinson No. 1.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*— This mine is located on the waters of Brown's Creek eight miles south of Clarksburg, on the West Va. & Pittsburg Division of the B. & O. Railroad. It is a twin mine with that of Hutchinson No. 2, which is located in the opposite hill. The tipple bridges a ravine which separates the two mines. This mine was originally equipped with compressed air to undercut the coal and with electricity to haul the same to the tipple, where it was dumped into the railroad cars in conjunction with Hutchinson No. 2 Mine. It has not been in operation during the past year, and will be ultimately intersected underground with Hutchinson No. 3 mine, which is opened at the head of the ravine mentioned above. When this work is done the outputs of the three mines will be dumped over the same tipple into the railroad cars.

C. H. JENKINS, *Genl. Manager.*　　CLYDE LUTTON, *Superintendent.*
C. J. RYAN, *Genl. Superintendent.*

HUTCHINSON COAL COMPANY.

MT. CLARE.

(General Offices, Fairmont.)

No. 253. *Hutchinson No. 2.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*— This mine is located on the waters of Brown's Creek eight miles South of Clarksburg, on the West Va. & Pittsburg Division of the B. & O. Railroad. It is worked in connection with Hutchinson No. 3 mine and formerly worked in connection with Hutchinson No. 1 mine. It is equipped with electricity to haul the coal and for lights along the important haulways. The outside fixtures consist of a power house with electric generators, and with air compressors, together with all other necessary outside machinery and buildings which go to make up a mine of a capacity which is above the average. (The other two mines, however, are estimated in connection with it, this one being at this time on the retreat and the capacity is necessarily small.) It is opened up and developed on the triple entry system. The room entries are worked on the double entry system. The ventilation is produced by a Stine fan of the disc type, with steam connection. It is conducted to the working faces and throughout the mine in a lawful manner. The roof is of a very dangerous character when not properly and promptly timbered, to prevent falls of slate, the timbering, however, is very carefully looked after. The drainage is kept in a lawful condition by means of ditches and pumps. The undercutting is done with compressed air machines of the puncher type, and by hand picks. Very little blasting is done. The explosives used are permissible. The coal is gathered to the side tracks on the interior by horses and mules, from there it is hauled to the tipple by an electric motor. The electric wires are kept in good condition and the voltage is 250. No gas liberates from the coal. Open lights are used by the miners for illumination. The State Mining Laws are being complied with. The capacity of this mine at this time is small, by reasons explained above. I presume it does not exceed one hundred and fifty tons daily.

C. H. JENKINS, *Genl. Manager.*	JOHN QUINN, *Mine Foreman.*
C. J. RYAN, *Genl. Superintendent.*	O. M. VANSCOY, *Mine Foreman.*
CLYDE LUTTON, *Superintendent.*	E. G. VINCENT, *Safety Foreman.*
	J. E. MASON, *Fire Boss.*
	O. M. VANSCOY, *Fire Boss.*

HUTCHINSON COAL COMPANY.

MT. CLARE.

(General Offices, Fairmont.)

No. 254. *Hutchinson No. 3.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*— This mine is located eight miles South of Clarksburg, on Brown's Creek, a tributary of the West Fork River, on the West Va. & Pittsburg Division of the Baltimore & Ohio Railroad. The main headings are developed on the triple entry system, while the room entries are on the double entry system. This mine is worked in connection with Hutchinson No. 2 mine, and at this time it is much the larger producer of the two. The outside fixtures are those described in the report on Hutchinson No. 2 mine. The ventilation is produced by a centrifugal fan. It is conducted to the working faces and throughout the mine in an approved and lawful manner. The roof is of a very dangerous character if not promptly and properly timbered to prevent falls of slate. The timbering, however, is carefully looked after. The drainage is kept in a satisfactory and lawful condition by means of pumps and ditches to the outside. The undercutting is done by machines of both the electric chain and the compressed air puncher types. The coal is blasted with permissible powder. It is gathered to the side tracks on the interior of the mine by horses and mules, from there it is hauled to the tipple (the twin one which spans the ravine, separating the Hutchinson No. 1 and No. 2 mines) by electric motors, where it is dumped into the railroad cars in conjunction with the output of No. 2 Mine. The electric wires are kept in good condition. The voltage is 250. Slight traces of gas have heretofore been found liberating from a few of the advanced working places, but was being well cared for by sufficient ventilation. In addition the safety foreman examines these places with a safety lamp before the men are permitted to enter for the purpose of working therein. Open lights are used by the miners for illumination. The state Mining Laws are being well observed. With a full force of men, and with the present development and equipment, this mine is capable of producing fifteen hundred tons daily.

C. H. JENKINS, *Genl. Manager.*	E. G. VINCENT, *Safety Foreman.*
C. J. RYAN, *Genl. Superintendent.*	R. H. MCATEE, *Mine Foreman.*
CLYDE LUTTON, *Superintendent.*	

HUTCHINSON COAL COMPANY.

MEADOWBROOK.

(General Offices, Fairmont.)

No. 255. *McCandlish No. 1.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*— This mine is located on the Waters of Simpson Creek, a tributary of the West Fork river, on a branch off of the M. R. Division of the B. & O. Railroad. This mine, as well as the McCandlish No. 2 mine, which is worked in connection with it, is equipped with electric appliances for cutting, handling and hauling the coal. The outside fixtures consist of power house, and all the other necessary buildings and equipment which go to make up a mine which is above the average in production. (Including both mines.) It is opened up on the double entry system. The ventilation is produced by a Stine fan of the disc type with electric connections. The roof is above the average which overlies the Pittsburg seam in this region, however, the timbering is not neglected on this account, it being carefully looked after. The drainage is kept in a satisfactory and lawful condition. The coal is undercut by electric machines of the chain type, blasted with black powder. It is gathered and hauled to the side tracks on the interior by horses and mules, from there it is hauled to the tipple by electric motors, where it is dumped into the railroad cars in connection with the output of McCandlish No. 2 mine. The electric wires are carefully looked after to prevent accidents from contact. No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining Laws are being carefully observed. The capacity of this mine is gradually decreasing on account of it being on the retreat. It is, therefore, hard to estimate accurately. I would judge, however, that it is capable of producing three hundred tons daily.

C. H. JENKINS, *Genl. Manager.* WYAT ROUSH, *Mine Foreman.*
C. J. RYAN, *Genl. Superintendent.* CLAUDE ADDISON, *Mine Foreman.*
JOHN REUTER, *Superintendent.*

HUTCHINSON COAL COMPANY.

MEADOWBROOK.

(General Offices, Fairmont.)

No. 256. *McCandlish No. 2.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—This mine is located on the waters of Simpson Creek nine miles North of Clarksburg, on a branch of the M. R. Division of the B. & O. Railroad. It is worked in connection with McCandlish No. 1 belonging to the same company. This mine is operating in a hill opposite to that of McCandlish No. 1. The No. 1 mine being driven entirely through the hill. The output of this mine is hauled via. this entry to the tipple, which serves both mines. The outside fixtures are those described in the report on No. 1 mine. It is opened up and developed on the double entry system. The ventilation is produced by two fans, both of which are of the Centrifugal type. The roof is that of the usual character which overlies the Pittsburg seam in this region. The timbering is carefully looked after to prevent falls of slate and accidents, as well as inconvenience resulting therefrom. The drainage is difficult in some places, however, it is kept in a lawful condition by means of ditches and electric pumps. The undercutting is done by electric machines of the chain type. The blasting, with black powder. It is gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there to the tipple by means of electric motors. The electric wires are kept in a lawful condition. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. With a full force of men, and with the present development and equipment this mine is capable of producing fifteen hundred tons daily.

C. H. JENKINS, *Genl. Manager.* WYAT ROUSH, *Mine Foreman.*
C. J. RYAN, *Genl. Superintendent.* CLAUDE ADDISON, *Mine Foreman.*
JOHN REUTER, *Superintendent.*

HUTCHINSON COAL COMPANY.

REYNOLDSVILLE.

(General Offices, Fairmont.)

No. 257. *York.—Pittsburg Seam—Thickness 6 to 8 feet—Drift—Incline*—The location of this mine is six and three-fourths miles West of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is a pick mine. The outside fixtures consist of the necessary buildings, machinery, etc. to constitute a mine of small capacity. It is opened up on the double entry system. The ventilation is produced by a small Centrifugal fan of the high speed type, which is propelled by a steam engine. It is conducted to the working faces and throughout the mine in a lawful and approved manner. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful timbering to prevent falls of slate, accidents and inconvenience. The timbering, as a rule, is carefully looked after. The drainage is kept in a sanitary and satisfactory condition, yet it is difficult in some sections. The coal is undercut with hand picks and blasted with permissible explosives. It is gathered and hauled to the head of the incline plane by horses and mules. No gas has been found liberating in the mine during the past year. Formerly, however, great difficulty was experienced by reason of gas escaping into this mine from an adjacent gas well. At that time locked safety lamps were used by the miners for illumination. At this time open lights are used. The mine is examined regularly by the mine foreman with a safety lamp before the men are permitted to enter for the purpose of working therein, but as above stated during the past year no gas has been detected by the foreman or by the inspector. The mining laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing three hundred tons daily.

C. H. JENKINS, *Genl. Manager.* JAS. CUMMINGS, *Mine Foreman.*
C. J. RYAN, *Genl. Superintendent.* ROBT. ADCOCK, *Mine Foreman.*
W. B. MALONE, *Superintendent.*

HYGRADE COAL COMPANY changed to J. S. KLINEFELTER & COMPANY.

McWHORTER.

(General Offices, McWhorter.)

No. 258. *Page and Page Nos. 2-3.—Redstone Seam—Thickness 6 feet—Drift Incline.—Page Nos. 2-3.—Pittsburg Seam—Thickness 4 feet—Drift Incline.*—The location of these mines is fifteen and one-half miles South of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad. They are grouped together and operated in connection with each other. The output of all three of the openings being lowered by traction and dumped into the railroad cars in connection with each other. The No. 2 and No. 3 mines have recently been opened up and are operating in the Pittsburg seam as above stated. They have not yet reached that stage of development which justifies me in making separate descriptions, for that reason I will attempt to cover them all in this one description. These mines are equipped with electric appliances to undercut the coal, the power being purchased from the M. V. T. Company. The outside fixtures are limited to one fan, the wheel-house and traction plane, tipple, and a few small miners' houses. They are opened up and developed on the double entry system. The ventilation in the two new openings (Nos. 2 & 3) is produced by natural means, while the Page mine proper, which is operating in the Redstone seam is ventilated by a Stine fan of the disc type, which is propelled by a gas engine. The ventilating current is conducted to the working faces and throughout the mine in an approve and lawful manner. The roof in the last named mine is of very good character, except in places where clay-veins are encountered. The new openings in the Pittsburg seam have a very bad roof, and it is very questionable whether prosperous mining of this coal is possible. The timbering is carefully looked after in all the openings, to prevent falls of slate and accidents resulting. The drainage is difficult in some places, but is kept in satisfactory and lawful condition. The undercutting is done in the Redstone seam, by hand picks, at the present time, as the use of the electric machine was discontinued on account of the numerous clay-veins encountered. The machine, however, is used to undercut the coal in the new openings. The coal is blasted with permissible and black powder. It is gathered and hauled to the head of the plane by horses and mules, from there it is lowered by traction and dumped into the railroad cars. The voltage on electric wires is 550 and, therefore, dangerous from contact. No gas liberates from the coal, and open lights are used by the miners. The mining laws are being observed. With a full force of men, with the present development, the capacity of these three openings is about two hundred tons daily.

Former Officials: Present Officials:
L. C. THOMAS, *Genl. Mgr. & Supt.* J. S. KLINEFELTER, *Genl. Mgr. & Supt.*
MARSHALL LIMER, *Mine Foreman.* V. O. EISMAN, *Mine Foreman.*

JOHNSON-McINTIRE COAL COMPANY.

ROSEBUD.

(General Offices, Pittsburg, Pa.)

No. 259. *Gilbert.—Pittsburg Seam—Thickness 6 to 8 feet.—Drift—Incline.*—This mine has no power plant, it being a pick mine exclusively. The outside equipment consists of miners' houses, blacksmith shop, wheel-house, incline plane and tipple. The mine is located on Ten Mile Creek fourteen and one-half miles Northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad. It is opened up and developed on the double entry system and the ventilation is produced by natural means and by a furnace. It is conducted to the working faces by means of wooden stoppings, doors, etc. The roof is not as good as the average which overlies the Pittsburg seam in this region, therefore, it requires very careful attention as to timbering, also to maintain top coal to prevent the air from disintegrating the roof. Timbering is carefully looked after. No gas is found liberating from the coal. The undercutting is done by hand picks. The coal is blasted with permissible explosives, and hauled to the head of the plane by mules and horses, where it is lowered by traction to the tipple and dumped into the railroad cars. The State Mining Laws are being observed. This mine is capable of producing four hundred tons daily. The drainage is good.

D. D. MCINTIRE, *Genl. Mgr.* (*Deceased*). OMER SWIGER, *Mine Foreman.*
J. C. CLARK, *Superintendent.*

LAMBERT RUN COAL COMPANY.

MEADOWBROOK.

(General Offices, Fairmont.)

No. 260. *Clauson.—Pittsburg Seam—Thickness 7 to 9 feet.—Drift—Engine Plane.*—This mine is located seven miles north of Clarkbsurg, on the Short Line Division of the B. & O. Railroad. It is equipped with electric appliances to cut, haul and hoist the coal, as well as light the mine. The electric power is purchased from the M. V. T. Company. The voltage is 550. The outside fixtures consist of the necessary buildings, machinery, etc., to equip a mine of medium capacity. It is opened up on the double entry system. The ventilation is produced by a disc fan with electric connections. It is conducted to the working faces and throughout the mine as provided by law. The roof is above the average of that which overlies the Pittsburg seam in this region, however, the timbering is not neglected. The drainage is kept in lawful condition by means of electric pumps, and by ditches. The undercutting is done by electric machines of the chain type, and by hand picks. The coal is blasted with permissible powder and gathered and hauled to the side tracks on the interior by horses and mules, from there it is hauled to the drift mouth at the foot of the engine plane by an electric motor, from where it is hoisted to the tipple and dumped into the railroad cars. The electric wires are carefully looked after to prevent accidents from contact. Slight traces of gas have heretofore been found liberating from the drill holes in some of the advanced working faces. It was being cared for with sufficient air. In addition these places are examined with a safety lamp by an experienced man before the men are permitted to enter the mine. Open lights are used for illumination. The Mining Laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing seven hundred tons daily output.

C. D. ROBINSON, *Genl. Manager.* ED. WORCESTER, *Mine Foreman.*
DORSEY POPLE, *Superintendent.* W. M. ASHCRAFT, *Safety Foreman.*

MADERIA-HILL-CLARK COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 261. *Goff.—Pittsburg Seam—Thickness 6 to 9 feet.—Drift—Incline.*—This mine is located three and one-half miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad. It is a pick mine and the equipment consists of the necessary outside buildings, machinery, etc., to equip a mine of medium capacity. It is opened up and developed on the double entry system. At this time it has reached its limits and is engaged in retreating. The ventilation is produced by a disc fan which is propelled by a gas engine. It is greatly assisted by means of numerous holes to the outside around the outcrop workings. The roof is of the usual character which overlies the Pittsburg seam in this region, which is dangerous if not promptly and properly timbered. The timbering is carefully looked after to prevent falls of slate and accidents. The drainage has been greatly improved during the past year and, at this time, it is in good condition. The coal is undercut by hand picks, blasted with black powder and permissible. It is gathered and hauled to the drift mouth at the head of the plane, by horses and mules, from there it is lowered by gravity to the tipple, where it is dumped into the railroad cars. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. By reason of the mine being on the retreat, the capacity is hard to estimate, yet I judge that the average daily tonnage could be made to reach five hundred tons.

JOHN A. CLARK, SR., *Genl. Manager.* A. G. COBURN, *Mine Foreman.*
C. J. ADAMS, *Superintendent.* O. J. FOWLER, *Mine Foreman.*

MADERIA-HILL-CLARK COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 262. *New Chieftain.—Pittsburg Seam—Thickness 6 to 8 feet—Drift.*—This mine is equipped with electric appliances and when in operation it is worked in conjunction with the Randolph Mine. It is located 6 miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. The inside development was made on the double entry system. The ventilation was produced by a centrifugal fan with steam connections. It has not been in operation during the past year. When in operation the coal was undercut with electric machines of the chain type, hauled to the side tracks on the interior by horses and mules, from there to the tipple, a twin one, which spans a ravine that separates this mine from the Randolph Mine, and the output was dumped into the railroad cars in conjunction with it.

JOHN A. CLARK, SR., *Genl. Manager.* SCOTT DAVIS, *Mine Foreman.*
C. J. ADAMS, *Superintendent.* HARRY LAUGHLIN, *Fire Boss.*
CLYDE VAN PELT, *Fire Boss.*

MADERIA-HILL-CLARK COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 263. *Randolph.—Pittsburg Seam—Thickness 6 to 8 feet—Drift.*—This mine is equipped with both electric and compressed air. The outside equipment consists of all the necessary buildings to constitute an up-to-date mine. It is located six miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. The main entries are developed on the triple entry system. The room entries are developed on the double entry system. The ventilation is produced by a large fan of the centrifugal type, with steam connections. It is conducted to the working faces by means of approved stoppings, doors, over-casts, etc., and as a rule it is found good. The drainage is difficult by reason of the workings going to the dip, yet the water is handled in a satisfactory manner by means of electric pumps. The roof is of a dangerous character and requires careful timbering to prevent accidents. The timbering has been greatly improved during the past year and it is carefully looked after daily in the working places. Traces of gas formerly liberated in one section of the mine, but on date of last official visit no gas was found. The coal is undercut by machines of both types, compressed air and electric. It is blasted with permissible explosives and gathered and hauled to the side tracks on the inside by horses and mules, from there it is hauled to the tipple by electric motor. The State Mining Laws are being observed. With the present equipment and with a full force of men, this mine is capable of producing about eight hundred tons daily.

JOHN A. CLARK, SR., *Genl. Manager.* SCOTT DAVIS, *Mine Foreman.*
C. J. ADAMS, *Superintendent.* HARRY LAUGHLIN, *Fire Boss.*
CLYDE VAN PELT, *Fire Boss.*

MADERIA-HILL-CLARK COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 264. *Waldo No. 1.—Pittsburg Seam—Thickness 6 to 9 feet—Drift—Retard Plane.*—This mine is located four miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is a pick mine and the outside fixtures consists of all the necessary buildings, machinery, etc., including miners' houses, necessary to equip a mine of a capacity that is above the average. It is worked in connection with Waldo No. 2 (Opening) which is operating in a hill located directly behind the one in which this mine is operated. The output of the No. 2 mine being hauled to the same tipple, via. the main heading of this mine, which is cut entirely through the hill. It is opened up on the double entry system. The ventilation is produced by a centrifugal fan with direct steam connections. The roof is of the usual character which overlies the Pittsburg seam in this region, and is carefully timbered to prevent falls of slate and accidents. The drainage is difficult in some sections, yet it is kept in lawful condition. The undercutting is done by hand picks. The coal is blasted with permissible powder. It is gathered and hauled to the side tracks by horses and mules, from there to the drift mouth at the head of the retard plane, by a gasoline motor. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. By reason of this mine being on the retreat the daily output is hard to estimate, yet I would judge that with a full force of men and with the equipment, it would be able to produce four hundred tons daily.

JOHN A. CLARK, SR., *Genl. Manager.*
C. J. ADAMS, *Superintendent.* LEVI KEASTER, *Mine Foreman.*

MADERIA-HILL-CLARK COAL COMPANY.

WILSONBURG.

(General Offices, Fairmont.)

No. 265. *Waldo No. 2.—(Opening)—Pittsburg Seam—Thickness 6 to 9 feet—Drift.*—This mine is located four miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is a pick mine and the equipment is identical with that described in the report on Waldo No. 1 mine, with the exception of a centrifugal fan, which is propelled by a steam engine, which is located at the mouth of the main air course of this mine. It is opened up on the double entry system and the ventilation is produced by the above described fan, and it is conducted to the working faces and throughout in an approved and lawful manner. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering is carefully looked after to prevent falls of slate and accidents. The drainage is kept in good condition. The undercutting is done by hand picks. The blasting with permissible and black powder. The coal is gathered and hauled to the side track on the outside of the mine near the mouth of same by horses and mules, from there it is hauled, via. the main heading of Waldo No. 1 mine to the head of the retard plane at the mouth of same, where it is lowered by retard system and dumped into the railroad cars in connection with the output of Waldo No. 1 mine. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being well observed. With a full force of men and with the present development and equipment, this mine is capable of producing six hundred tons daily.

JOHN A. CLARK, SR., *Genl. Manager.* LEVI KEASTER, *Mine Foreman.*
C. J. ADAMS, *Superintendent.*

MARION GAS COAL COMPANY.

ENTERPRISE.

(General Offices, Greensburg, Pa.)

No. 266. *Bingamon.—Pittsburg seam—Thickness 7 to 9 feet—Drift—Electric retard.*—This mine is located about twenty miles north of Clarksburg, on the west side of the West Fork River, on the M. R. Division of the B. & O. Railroad. It is an electric equipped mine, the power being purchased from the M. V. T. Company. The outside fixtures consist of all the necessary outside buildings, machinery, etc., including a steel viaduct which spans the river to the tipple. It is equipped for a large capacity. It is opened up and developed on the double entry system. The ventilation is produced by a large fan of the Centrifugal type with electric connections. It is conducted to the working faces in an approved manner. The roof is of the usual character which overlies the Pittsburg seam, and as a rule, it is carefully timbered. The drainage is kept in satisfactory condition by electric pumps. The coal is undercut by electric machines of the chain type. It is blasted with permissible powder, gathered and hauled to the side tracks on the interior by horses and mules, from there to the viaduct by an electric motor, from there it is hoisted across the river by an electric retard. The electric wires conduct the voltage of 550 and would, therefore, be dangerous in case of contact. Gas liberated from the advanced working faces in small quantities but it was being well cared for with sufficient ventilation. The mine was being examined by a qualified fire boss before the men were permitted to enter for the purpose of working. Open lights were being used by the miners. State mining laws were being observed. This mine has been closed down since the latter part of last year. The Company owns a large acreage of coal and the capacity of the mine will increase as development is made on the inside.

ALEX COULTER, *Genl. Manager.*	R. A. BROWN, *Mine Foreman.*
E. P. MCOLVIN, *Superintendent.*	H. O. RECHTINE, *Fire Boss.*

MARSHALL COAL COMPANY.

MT. CLARE.

(General Offices, Philadelphia, Pa.)

No. 267. *Marshall.—Pittsburg seam—Thickness 7 to 9 feet—Drift—Incline.*—This mine is located seven miles south of Clarksburg, on the W. Va. & Pittsburg, Division of the B. & O. Railroad. During the past year there has been an additional opening made in a different hill, which is known as Marshall No. 2 opening, but by reason of the output of the No. 2 opening being hauled through the original mine I choose at this time to make the description as one mine. The outside fixtures consist of the necessary machinery, power house and other buildings, including the miners houses, to equip a compressed air plant of large capacity. The openings and the development is made on the double entry system. The ventilating equipment consists of two fans, one being a Centrifugal fan with direct steam connections, the other one being a Stine fan of the disc type. which is propelled by a gas engine with belt connections. The roof is of the usual character which overlies the Pittsburg seam in this region, in the larger part of the developments, yet around the outcrop workings it is very bad and requires very careful timbering to prevent falls of slate, accidents and inconvenience. The drainage is mostly natural, yet it is assisted by compressed air pumps and kept in satisfactory and lawful condition. The coal is undercut with compressed air machines of the puncher type, and with hand picks. It is blasted with permissible powder and gathered to the side tracks on the interior by horses and mules, from there it is hauled to the original drift mouth at the head of the plane and lowered by traction to the tipple, where it is dumped into the railroad cars. During the past year this company installed the Link-belt system of conducting the coal from the knuckle at the hill top to the tipple, but by reason of defects in the plans of construction it is not yet working successfully. They are at this time engaged in remedying these defects. No gas liberates from the coal. Open lights are used by the miners. With a full force of men and with the present equipment and development, this mine is capable of producing fifteen hundred tons daily.

J. E. WILKINSON, *Genl. Manager.*	WM. GANTZ, *Mine Foreman.*
JAS. A. JENKINS, *Genl. Superintendent.*	CHAS. STEWART, *Asst. Mine Foreman.*

NATIONAL COAL COMPANY.

DOLA.

(General Offices, Baltimore, Md.)

No. 268. *National.—Pittsburg seam—Thickness 6 to 8 feet—Drift.*—The location of this mine is sixteen miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad. The development was made on the double entry system. It was a pick mine and the outside fixtures consisted of the necessary buildings, etc.

to constitute a mine of small capacity. It was opened up on the double entry system. The ventilation was produced by natural means and there were several holes around the outcrop. The last time the writer was in this mine the roof, timbering and drainage conditions were bad, as it had not been in operation for sometime prior to the visit and it is at this time idle and the writer has no information as to when it will resume operation.

W. H. CONOWAY, *Former Manager.*

ORR COAL MINING COMPANY.

WILSONBURG.

(General Offices, Wilsonburg.)

No. 269. *Miller No. 1.—Pittsburg Seam—Thickness 6 to 8 feet—Drift—Incline.*—This is a pick mine, yet it has some electric wires installed for the purpose of pumping the water. The outside equipment consists of drum-house and incline plane, and a few miners houses. It is located four miles West of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is opened up on the double entry system. The ventilation is produced by natural means and the conditions are favorable for this system of ventilation, as there are numerous holes to the outside around the out-crop near where the working faces are located. The roof is of a very bad character and requires very careful attention daily as to timbering, to prevent accidents. The timbering, as a rule, is carefully looked after. No gas liberates from the coal. The coal is under-cut by picks, and very little, if any, blasting is required to dislodge it. It is gathered and hauled to the drift-mouth at the head of the incline plane by horses and mules. From there it is lowered to the foot of the hill by traction plane, and from there it is hauled to the tipple by a steam locomotive, where it is dumped into the railroad cars. This mine has operated very little, if any, during the past year. The drainage is kept in a satisfactory condition. The capacity of this mine would not exceed one hundred and fifty tons daly.

H. R. SIPE, *Supt. and General Manager.*
H. I. CONNOR, *Mine Foreman.*
DENNIS KIRBY, *Mine Foreman.*

ORR COAL MINING COMPANY.

WILSONBURG.

(General Offices, Wilsonburg.)

No. 270. *Miller No. 2.—Pittsburg Seam—Thickness 6 to 8 feet Drift—Incline.*—This mine is located four miles west of Clarksburg, on the Parkersburg branch of the B. & O. Railroad. It is equipped with electric appliances. The power is purchased from the Monongahela Valley Traction Company. The voltage is 550. The outside equipment consists of drum-house, incline plane, a few miner's houses, tipple, and a small steam locomotive used to haul the coal from the foot of the incline to the tipple. It is opened up on the double entry system. The ventilation is produced by an electric fan of the disc type. It is conducted to the working faces by means of approved stoppings, and as a rule, it is good throughout the development. The roof is of a very dangerous character, if all the coal be removed and the overlying strata be exposed to the air, however, they maintain top coal where possible to do so, and the timbering is carefully looked after. No gas liberates from the coal. The drainage is good throughout the mine at this time, as it has been greatly improved during the past year. The coal is undercut by electric machines of the chain type. It is blasted with permissible explosives and gathered and hauled to the drift-mouth at the head of the incline plane by horses and mules, from there it is lowered to the foot of the hill by traction plane, from there it is hauled to the tipple as above described, where it is dumped into the railroad cars. The State Mining Laws are being complied with. With a full force of men and with the present development and equipment, this mine is capable of producing six hundred tons daily output.

H. R. SIPE, *Supt. and Genl, Mgr.*
H. I. CONNOR, *Mine Foreman.*
DENNIS KIRBY, *Mine Foreman.*

ORR-SHIELDS COAL COMPANY.

(Changed to Fairmont & Clarksburg Coal Co.)

REYNOLDSVILLE.

(General Offices, Fairmont.)

No. 271. *Phoenix.—Pittsburg Seam—Thickness 6 to 7 feet—Slope.*—This mine is equipped with compressed air. It is located seven and one-half miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad. The ventilation is produced by a disc fan with steam connection. It is conducted to the working faces by wooden stoppings, and to say the least it is not very dependable on account of the inadequacy of the fan and the condition of the air-courses and stoppings. The roof is unusually bad and requires very careful attention as to timbering. The condition of the timbering along the important haulways was found bad on date of last visit. The inspector has had some difficulty in having the law complied with during the past year. The coal is undercut by means of compressed air machines of the puncher type. It is gathered and hauled to the side track by horses and mules, from there it is hoisted to the foot of the slope by head-rope, from there up the slope to the tipple by another head rope, where it is dumped into the railroad cars. The tipple is in bad condition and needs repairs. The general conditions in and around this mine are very adverse, and it is hard to estimate the capacity of the mine, however, I judge this mine capable of producing two hundred tons daily with the present equipment.

——— — BAILEY, *Gen'l. Manager.*
J. M. ORR, *Superintendent.*
O. P. KIRKENDALL, *Mine Foreman.*
HOWARD CONNOR, *Mine Foreman.*
H. S. HUBER, *Mine Foreman.*
GEO. A. RUTTER, *Mine Foreman.*
JAS. MASON, *Fire Boss.*
GEO. A. RUTTER, *Fire Boss.*
FRANK RUTHERFORD, *Fire Boss.*

OVERHOLT COAL COMPANY.

HEPZIBAH.

(General Offices, Hepzibah.)

No. 272. *Overholt.—Pittsburg seam—Thickness 7 to 9 feet—Slope.*—The location of this mine is six and one-half miles North of Clarksburg, on the Short Line Division of the B. & O. Railroad. It was equipped with electric appliances to undercut the coal and to propel the fan. The outside equipment consisted of a small engine house, which covered the hoisting engine, the tipple and a few small miners houses. It was opened up and developed on the double entry system. The ventilation was produced by a disc fan with electric connections. The roof was of the usual character which overlies the Pittsburg seam in this region, and required careful timbering to prevent falls of slate and accidents resulting therefrom. The drainage was kept in a lawful and satisfactory condition by ditching to the outside. The undercutting was done by an electric machine of the chain type. The coal was blasted with permissible powder exclusively. It was gathered and hauled to the foot of the slope by horses and mules, from there it was hoisted to the tipple by head rope. The electric wires were kept in good condition. The voltage was 550. No gas has been found liberating from the coal during the past year. Open lights were used by the miners for illumination. The Mining Laws were observed. The mine at this time has been worked out and abandoned.

GEO. AUSTIN, *Genl. Manager and Superintendent.*
TONY STARR, *Mine Foreman.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 273. *Righter No. 1.—Redstone Seam—Thickness 6 feet—Drift—Incline.*—This is a pick mine and the outside equipment consists of the necessary buildings for the miners homes, office, store, tipple, side tracks, etc. It is located twelve and one-half miles south of Clarksburg, on Lost Creek, on the West Va. & Pittsburg Division of the B. & O. Railroad. It is opened and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, which is propelled by a gas engine. It is conducted to the working faces by approved stoppings, doors, etc. The roof, as a rule, which overlies this seam of coal is very good, except where clay-veins are encountered, and in these places the roof is very bad. Timbering is carefully looked after. The drainage is kept in a satisfactory condition. No gas liberates from the coal. The coal is undercut by hand picks, gathered by mules and horses to the side tracks on the interior, from there it is hauled to the head of the plane by gasoline motor, where it is lowered by traction and dumped into the railroad cars. With a full force of men this mine is capable of producing one hundred and fifty tons daily. The State Mining Laws are being observed.

A. C. LISENRING, *Gen'l. Manager.* W. H. SANDRIDGE, *Superintendent.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 274. *Righter No. 2.—Pittsburg Seam—Thickness 3-1/2 to 5 feet—Drift.*—This mine is located twelve and one-half miles South of Clarksburg, on Lost Creek, on the West Virginia and Pittsburg Division of the B. & O. Railroad. It is opened up and developed on the double entry system. The ventilation so far is produced by natural means and the development being small it is good at the working faces. The roof is exceedingly bad, which requires very careful timbering. The opening of this mine is on the opposite side of the hill from that of Righter No. 1, which is operating in the Redstone seam of coal. The out-put of this mine is hauled via. the main heading of No. 1 mine, to the head of the plane, where it is lowered by traction in conjunction with the output of that mine, and dumped into the railroad cars. The system of timbering is good. The drainage is natural. The coal is undercut by hand picks, blasted with permissible explosives. The capacity of this mine does not exceed fifty tons daily. It is operated very irregularly since it has been opened up. No gas liberates from the coal. Carbide lamps are used exclusively. The Mining Laws are being well observed.

A. C. LISENRING, *Gen'l. Manager.* CARSON STEMPLE, *Mine Foreman.*
W. H. SANDRIDGE, *Superintendent.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 275. *Righter No. 3.—Pittsburg Seam—Thickness 3-1/2 to 5 feet—Drift.*—This mine is located twelve and one-half miles South of Clarksburg, on the West Virginia & Pittsburg Division of the B. & O. Railroad. It was opened up and the development made is on the double entry system. The ventilation was produced by natural means. The roof or overlying strata is of a very dangerous character, and will require very careful attention. This mine has not been in operation during the past year. The openings are on the opposite side of the hill from that of Righter No. 1, which is operating in the Redstone Seam of coal. The output of these openings was hauled via. the main heading of No. 1 mine, where it was lowered in conjunction with the output of that mine and dumped into the railroad cars. The system of timbering was good, the drainage was natural. The coal was undercut by hand picks and blasted with permissible explosives. The capacity of this mine did not exceed twenty-five tons daily. No gas liberated from the coal. Open lights were used exclusively. The Mining Laws were being observed

A. C. LISENRING, *Gen'l. Manager.* CARSON STEMPLE, *Mine Foreman.*
W. H. SANDRIDGE, *Superintendent.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 276. *Righter No. 4.—Redstone Seam—Thickness 6 feet—Drift.*—This mine is located twelve and one-half miles South of Clarksburg, on the W. Va. & Pittsburg

Division of the B. & O. Railroad, on the waters of Lost Creek. It is a pick mine and the equipment consists of the necessary outside fixtures which constitute a mine of medium capacity. It is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, propelled by a gas engine. It is conducted to the working faces by approved stoppings, doors, etc. The roof, as a rule, is very good, except where clay-veins are encountered, and in these places the roof is of a very dangerous character, however, timbering is carefully looked after. The drainage is kept in a satisfactory condition. No gas liberates from the coal, and open lights are used exclusively. The coal is undercut by hand picks, gathered and hauled to the side tracks on the interior by horses and mules, from there it is hauled by gasoline motor via. the main heading of Righter No. 1 Mine to the head of the plane at the mouth of same, where it is lowered by traction in conjunction with the output of the Righter Mines Nos. 1, 2, 3, and dumped into the railroad cars. The State Mining Laws are being observed. With a full force of men and with the present equipment this mine is capable of producing three hundred tons daily.

A. C. LISENRING, *Gen'l. Manager.* CARSON STEMPLE, *Mine Foreman.*
W. H. SANDRIDGE, *Superintendent.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

(General Offices, Lost Creek.)

No. 277. *Righter No. 5.—Redstone Seam—Thickness 6 feet—Drift.*—The locatlon of this mine is twelve and one-half miles South of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad, near Lost Creek Station, on the waters of Lost Creek. The development is made with hand picks. It is worked in connections with the Righter Mines No. 1, 2, 3, 4. The output is hauled via main heading of No. 1 Mine, by a gasoline motor. The ventilation is produced by natural means at this time, by reason of the small development, it is good at the faces. It is opened up on the double entry system. The roof, as a rule, is very good, yet where clay-veins are encountered it is dangerous and requires careful timbering. Timbering is being carefully looked after. The drainage is natural and is found in satisfactory condition. No gas liberates from the coal, and open lights are used exclusively to mine it. The coal is undercut by hand picks, gathered and hauled to the side tracks by horses and mules, from there to the head of the plane as above described. The blasting is done with permissible explosives exclusively. The State Mining Laws are being observed. The capacity of this mine at this time does not exceed thirty tons daily, but will increase as development is made.

A. C. LISENRING, *Gen'l. Manager.* CARSON STEMPLE, *Mine Foreman.*
W. H. SANDRIDGE, *Superintendent.*

ROSEBUD FUEL COMPANY.

ROSEBUD.

(General Offices, Fairmont.)

No. 278. *Rosebud Mine No. 1.—Pittsburg seam—Thickness 6 to 8 feet—Drift—Incline.*—This mine is located fourteen miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad. This mine was formerly equipped with electric appliances for cutting and hauling the coal, but during the last inspection year they changed from mining the coal with electric machines to that of hand picks, and also removed their electric motor from this mine to that of No. 2 mine, adjacent to it. The outside fixtures consist of electric power house and other necessary buildings and machinery to equip a small mine of medium capacity. It is opened up on the double entry system. The ventilation at this time is produced by the same fan which ventilates No. 2 mine. It is of the disc type and electrically connected. The roof is not as good as the average which overlies the Pittsburg seam in this region. For this reason it is necessary to promptly and properly timber not only the working places, but the haulways, to insure safety from falls of slate. It is necessary for the inspector to use very rigid insistance to have the main haulway safely timbered. This work is in progress at this time. The drainage is difficult to maintain, yet it is kept in as good a condition as consistent with economic coal mining. The undercutting at this time is done with hand picks. (Formerly with electric machines.) Very little blasting is necessary. Permissible explosives are used when blasting is done. At this time the coal is gathered and hauled to the head of the plane by horses and mules (formerly by electric motor) where it is lowered by traction and dumped into the railroad cars. No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining laws are being observed. This mine has reached its limits and is engaged in retreating. The capacity varies with the conditions maintained, however, I presume they could average about one hundred and fifty tons daily.

W. E. WATSON, *Genl. Manager.*
J. F. STRAIT, *Genl. Superintendent.*
C. E. GASKILL, *Superintendent.*

JOHN GORDON, *Mine Foreman.*
H. I. CONNOR, *Mine Foreman.*
CAMDEN SWIGER, *Asst. Mine Foreman.*

ROSEBUD FUEL COMPANY.

ROSEBUD.

(General Offices, Fairmont.)

No. 279. *Rosebud Mine No. 2.—Pittsburg seam—Thickness 6 to 8 feet—Drift—Incline.*—This mine is located on Ten Mile Creek on the Short Line Division of the B. & O. Railroad, fourteen miles northwest of Clarksburg. The original equipment consisted of compressed air appliances for undercutting the coal, but at this time the electric power generated at the Rosebud No. 1 mine is also used. The outside fixtures consist of power-house with air compressor and the other necessary outside buildings and machinery, including Miner's houses, to equip a mine of medium capacity. It is opened up on the double entry system. It is ventilated by a disc fan with electric connections. The ventilating current is conducted to the working faces and throughout in an approved and lawful manner. The roof is not as good as the average, which overlies the Pittsburg seam in this region, therefore, it is necessary to timber same very carefully to prevent falls and accidents resulting. The timbering is carefully looked after in the working places and the haulage roads have been greatly improved during the past year along this line. The undercutting is done with machines of both the electric chain and compressed air puncher types. The blasting is done with permissible explosives. The coal is gathered and hauled to the side tracks on the interior by horses and mules, from there to the drift mouth at the head of the plane by an electric motor, from there it is lowered to the tipple by traction plane and dumped into the railroad cars. No gas liberates from the coal. Open lights are used by the miners. The mining laws are being observed. With a full force of men, and with the present development and equipment, the mine is capable of producing six hundred tons. The drainage is kept in lawful condition by means of ditching and pumping.

W. E. WATSON, *Genl. Manager.*
J. F. STRAIT, *Genl. Superintendent.*
C. E. GASKILL, *Superintendent.*

JOHN GORDON, *Mine Foreman.*
H. I. CONNOR, *Mine Foreman.*

TAYLOR COLLIERIES COMPANY.

CLARKSBURG.

(General Offices, Pittsburg, Pa.

No. 280. *Taylor No. 1.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—This mine is located four miles North of Clarksburg, on the Short Line Division of the B. & O. Railroad. It is equipped with electric appliances, the power being purchased from the M. V. T. Company. The outside fixtures consist of the necessary buildings and equipment for a mine of this character to produce a large output. It is opened up and developed on the double entry system. The ventilation is produced by a disc fan with electric connections. It is conducted to the working faces and throughout the mine in an approved and lawful manner. The character of the roof is above the average of that which overlies the Pittsburg seam of coal in this region. In addition the timbering is promptly and properly done, and the top is maintained throughout to prevent falls of slate and accidents resulting therefrom. Electric pumps are employed in addition to the natural drainage to keep the mine in a proper and lawful condition at the faces and throughout. The coal is undercut with electric machines of the chain type and blasted with permissible explosives. It is gathered from the working faces to the side tracks on the interior by horses and mules, from there it is hauled to the tipple by an electric motor, where it is dumped into the railroad cars. The voltage on the electric wires is 550. These electric wires are receiving very careful attention to prevent contacts and accidents resulting therefrom. No gas liberates from the coal, and open lights are used by the miners for illumination. The state mining laws are being well observed. The capacity of this mine will increase as development is made, however, at this time it is capable of producing five hundred tons daily.

S. A. TAYLOR, *Genl. Manager.* DANIEL OLDROYD, *Mine Foreman.*
ED. CLINGAN, *Superintendent.*

TEMPLETON COAL COMPANY.

ROSEBUD.

(General Offices, Clarksburg.)

No. 281. *Fowler No. 2.—Pittsburg Seam—Thickness 7 to 8 feet—Drift—Incline.*—This is a pick mine with no other outside equipment than tipple, blacksmith shop, side tracks, etc. It is located on Ten Mile Creek, fourteen and one-half miles Northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad. The development is made on the double entry system and ventilation is produced by natural means, as there are numerous holes to the outside from the out-crop workings. The conditions are exceptionally good for natural ventilation. The roof is very bad and requires careful attention as to timbering, to insure safety. The timbering is carefully looked after. The under-cutting is done by hand picks. The coal is mostly pulled down by means of picks, all the blasting that is done in the mine is with permissible explosives. The coal is loaded into the mine cars and hauled to the head of the plane by horses and mules, from there it is lowered to the tipple by traction plane and dumped into the railroad cars. The State Mining Laws are being observed. This mine is capable of producing two hundred tons daily. The drainage is difficult in some places, yet it is kept in a satisfactory condition.

GEORGE M. FOWLER, *Superintendent.* J. S. HOWE, *Mine Foreman.*
and Gen'l. Manager.

VIRGINIA-MARYLAND COAL CORPORATION.

SHINNSTON.

(General Offices, Adamston.)

No. 282. *Willard No. 1.—Pittsburg seam—Thickness 7 to 9 feet—Drift.*—This mine is located seventeen and one-half miles north of Clarksburg, on Mud Lick Run, a tributary of the West Fork River, on a branch off of the M. R. Division of the B. & O. Railroad. It is equipped with compressed air to undercut the coal. The Willard No. 2 mine is worked in connection with this one. The outside fixtures consist of power-house and other necessary buildings and machinery to equip a mine of large capacity. The main haulage headings are developed on the triple entry system, while the room headings are on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connection. It is conducted to the working faces by the means provided by law, and as a rule it is found good. The roof is of the usual character which overlies the Pittsburg seam in this region, and the timbering is carefully looked after to prevent accidents and inconvenience from falls of slate. The drainage is difficult in some sections, but it is kept in lawful condition by natural means, assisted by compressed air pumps. The undercutting is done by compressed air machines of the puncher type. The coal is blasted by permissible powder exclusively. It is gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there it is hauled to the tipple by gasoline motors, where it is dumped into the railroad cars in connections with the output of Willard No. 2 mine, as they are connected under-ground. No gas liberates from the coal. The miners use open lights for illumination. The state mining laws are being observed. With a full force of men this mine is capable of producing fourteen hundred tons daily.

IRVING ADAMS, *Genl. Manager.* THOS. WESTMORELAND, *Mine Foreman.*
A. L. WHITE, *Genl. Superintendent.* L. C. MORRIS, *Asst. Mine Foreman.*
A. L. WHITE, *Superintendent.*

VIRGINIA-MARYLAND COAL CORPORATION.

SHINNSTON.

(General Offices, Adamston.)

No. 283. *Willard No. 2 Mine.—Pittsburg Seam—Thickness 7 to 9 feet—Drift.*—The location of this mine is seventeen and one-half miles North of Clarksburg, on Mud Lick Run, a tributary to the West Fork River, on a branch off of the M. R. Division of the B. & O. Railroad. It is worked in connection with the Willard No. 1 Mine, they being intersected underground and the output of both mines being hauled in conjunction with each other and dumped over the same tipple. The outside equipment is therefore identical with that described in the Willard No. 1 mine report. The main headings are developed on the double entry system, as well as the room headings. The ventilation is produced by the same fan described in report on Willard No. 1 Mine. This mine being ventilated from a split from that mine. The ventilating current is conducted to the working faces by approved and lawful means. The roof is of the usual character overlying the Pittsburg seam, and is kept in good condition by prompt and proper timbering. The drainage is kept in satisfactory and lawful condition by pumps, of the compressed air type. The undercutting is done by compressed air machines of the puncher type. The coal is blasted with permissible powder exclusively. It is gathered and hauled to the side tracks by horses and mules, from there it is hauled to the tipple by gasoline motors. No gas liberates from the coal. Open lights are used by the miners for illumination. The Mining Laws are being well observed. With a full force of men and with the present development and equipment, this mine is capable of producing seven hundred tons daily output, provided it can be handled at the tipple on the outside.

IRVING ADAMS, *Genl. Manager.* THOS. WESTMORELAND, *Mine Foreman.*
A. L. WHITE, *Genl. Superintendent.* L. C. MORRIS, *Asst. Mine Foreman.*
A. L. WHITE, *Superintendent.*

VINCENT COAL COMPANY.

CLARKSBURG.

(General Offices, Clarksburg.)

No. 284. *Grasselli.—Pittsburg seam—Thickness 7 to 9 feet—Drift—Incline.*—This mine is located one mile East of Clarksburg, on a small tributary of the West Fork River, on the Grasselli branch off of the Parkersburg branch of the B. & O. Railroad. It is a pick mine, and the outside fixtures consist of such buildings, and equipment necessay to a pick mine of medium capacity. It is opened up on the double entry system. The mine is retreating and there are numerous holes to the outside from the interior, around the outcrop, and during the past year the ventilation has been produced by natural means from these holes, and from the main openings. It is found to be sufficient and sanitary. The roof is of the usual character which overlies the Pittsburg seam in this region, which requires careful attention to prevent falls of slate and accidents resulting therefrom. The timbering is carefully looked after. The drainage is difficult, yet it is kept in satisfactory condition by natural means with ditches. The undercutting is done with hand picks. The blasting with permissible powder. The coal is gathered and hauled to the outside at the head of the plane by horses and mules, where it is lowered to the tipple by traction and dumped into the railroad cars. No gas liberates from the coal. Open lights are used by the miners for illumination. The mining laws are being observed. This mine being on the retreat the capacity at this time would be hard to estimate, yet I would judge it to be able to produce two hundred and fifty tons daily.

V. E. GOCKE, *Genl. Manager and Superintendent.* L. D. VINCENT, *Mine Foreman.*
R. A. BROWN, *Mine Foreman.*

WINCHESTER COAL COMPANY.

ENTERPRISE.

(General Offices, Enterprise.)

No. 285. *Winchester seam—Thickness 6 to 8 feet—Drift.*—This mine is located eighteen and one-half miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is equipped with electric appliances to undercut the coal. The outside fixtures consist of a few small buildings and necessary machinery, etc. to equip a mine of this character for a small output. The electric power which propels the fan and undercuts the coal is purchased from the M. V. T. Company. It is opened up on the double entry system and the ventilation is produced by a disc fan and propelled as above described. The ventilating currents are conducted to the working faces in an approved and lawful manner. The roof is not as good on an average as that which overlies the Pittsburg seam in this region, therefore, it requires very careful attention to insure safety and from inconvenience. The timbering is carefully looked after. The drainage is kept in a satisfactory condition by natural means and by an electric pump. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible powder. It is gathered from the working faces and hauled to the tipple by means of horses and mules. The electric wires conduct the voltage of 550, and are carefully looked after to prevent accidents from contact. No gas liberates from the coal and open lights are used for illumination. The mining laws are being complied with. The natural conditions are somewhat abnormal as to the thickness as well as the character of the roof. These conditions interfere somewhat with the uniformity of the output, but I would judge that with a full force of men the mine would be able to produce three hundred tons daily average.

JAMES LAULIS, *Genl. Manager.* MILTON SATTERFIELD, *Mine Foreman.*
JOHN DUCKWORTH, *Superintendent.*

LEWIS COUNTY.

KROGER GAS COAL COMPANY.

(Changed to Burrows Coal Company.)

MCWHORTER.

(General Offices, Clarksburg.)

No. 286. *Polar.—Redstone seam—Thickness 6 feet—Drift—Incline.*—The location of this mine is seventeen miles south of Clarksburg, on the W. Va. & Pittsburg Division of the B. & O. Railroad. It is a pick mine and the outside fixtures consist only of the necessary buildings and machinery to equip a mine of this character for a medium output. It is opened up and developed on the double entry system. The ventilation is produced by a disc fan propelled by a gas engine. It is conducted to the working faces and throughout in a lawful manner. The roof is good, except in places where clay-veins are encountered and in these places it is very bad and requires careful timbering to prevent falls of slate and accidents resulting. The timbering as a rule has been carefully looked after. The drainage is difficult in places, yet it is kept in lawful condition by natural means, and by bailing. The coal was undercut by hand picks, blasted with permissible explosives, gathered and hauled to the outside at the head of the plane by horses and mules, where it is lowered by gravity to the tipple and dumped into the railroad cars. No gas liberates from the coal, and open lights are used by the miners. The mine laws are being observed. With a full force of men and with the present development, the capacity of this mine could probably reach four hundred tons daily. This mine did not operate any during the past year under the Kroger Gas Coal Company, and but very little, under the last named company.

Former Officials. Present Officials.
C. F. LIMER, *Receiver.* C. L. HORNOR, *Gen. Manager.*
TONY STARR, *Supt. and Mine Foreman.*

THIRD DISTRICT.

GENERAL SUMMARY FOR THE THIRD MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Barbour... (Part)	9	1	203	287	66	172	728	113	......	113	841	781,860	....
Harrison.. (Part)	1	....	8	28	10	22	68	17	......	17	85	29,042	....
Monongalia....	8	3	197	76	9	86	368	77	57	134	502	319,947	50,459
Preston....	23	5	845	151	36	250	1,382	242	50	292	1,574	980,322	59,526
Randolph (Part)	All	min	es idle	durin	g year	......	......	......	......	......	......	....	....
Taylor....	12	3	264	559	17	160	1,054	142	9	151	1,205	946,814	15,019
Upshur...	2	1	......	70	16	20	106	13	10	23	129	98,504	2,274
Totals..	55	13	1,517	1,171	208	710	3,606	604	126	730	4,336	3,156,489	127,278

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE THIRD DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
BARBOUR COUNTY			
Boat Run Coal Co	No. 1	4- 1-15	L. D. Vaughn
Boat Run Coal Co	No. 1	6-17-15	L. D. Vaugh
Century Coal Co	No. 2	7- 7-14	L. D. Vaughn
Century Coal Co	No. 1	7- 8-14	L. D. Vaughn
Century Coal Co	No. 1	7- 9-14	L. D Vaughn
Century Coal Co	No. 1	12- 1-14	L. D. Vaughn
Century Coal Co	No. 1	12- 2-14	L. D. Vaughn
Century Coal Co	No. 1	12- 3-14	L. D. Vaughn
Century Coal Co	No. 2	12- 4-14	L. D. Vaughn
Century Coal Co	No. 2	4-20-15	L. D. Vaughn
Century Coal Co	No. 1	4-22-15	L. D. Vaughn
Century Coal Co	No. 1	4-23-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37 North	11- 5-14	L. D. Vaughn
Consolidation Coal Co., The	No. 37 South	11- 6-14	L. D. Vaughn
Consolidation Coal Co., The	No. 37 North	1-13-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37 South	1-14-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37	2-12-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37	3- 9-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37-1	5-27-15	L. D. Vaughn
Consolidation Coal Co., The	No. 37-2	5-28-14	L. D. Vaughn
Grafton Fuel Company	Lillian No. 1	10-22-14	L. D. Vaughn
Grafton Fuel Company	Lillian No. 2	1-27-15	L. D. Vaughn
Grafton Fuel Company	Lillian No. 2	4- 6-15	L. D. Vaughn
Humphreys Coal Co	No. 1	10-19-14	L. D. Vaughn
Humphreys Coal Co	No. 1	1-18-15	L. D. Vaughn
Humphreys Coal Co	No. 1	4- 1-15	L. D. Vaughn
Luella Coal & Coke Co	No 1	7-27-14	L. D. Vaughn
Luella Coal & Coke Co	No. 1	10-21-14	L. D. Vaughn
Luella Coal & Coke Co	No 1	2-15-15	L. D. Vaughn
Sandridge, Lee J. Coal Co	No. 1	11- 9-14	L. D. Vaughn
Sandridge, Lee J. Coal Co	No. 1	12-29-14	L. D. Vaughn
Tygarts River Coal Co	No. 1	7-30-14	L. D. Vaughn
Tygarts River Coal Co	No. 1	10-20-14	L. D. Vaughn
Tygarts River Coal Co	No. 1	12-28-14	L. D. Vaughn
HARRISON COUNTY			
Consolidation Coal Co., The	No. 52	9- 9-14	L. D. Vaughn
MONONGALIA COUNTY			
Antler Coal Co	No. 1	8-18-14	L. D. Vaughn
Antler Coal Co	No. 1	2-10-15	L. D. Vaughn
Antler Coal Co	No. 1	6- 8-15	L. D. Vaughn
Consolidation Coal Co, The	No. 30	6- 9-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 5	8-11-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-4	8-12-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-6	8-12-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 1	8-13-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 1	8-14-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-6	8-20-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5	11-19-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-6	11-20-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 5	3-24-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-4	3-24-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 5-6	3-25-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 5	4-26-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 1	6- 7-15	L. D. Vaughn
Great Scott Coal Co	No. 1	8- 5-14	L. D. Vaughn
Great Scott Coal Co	No. 1	3-26-15	L. D. Vaughn
Lehigh Coal Co	No. 1	2-11-15	L. D. Vaughn
Lehigh Coal Co	No. 1	2-23-15	L. D. Vaughn
Lehigh Coal Co	No. 1	4-27-15	L. D. Vaughn
Lehigh Coal Co	No. 1	6- 8-15	L. D. Vaughn
Monongalia Coal Co	Monon	4-27-15	L. D. Vaughn
North American Coal Co	Martinsville	12-23-14	L. D. Vaughn
North American Coal Co	No. 1	8- 4-14	L. D. Vaughn
North American Coal Co	No. 1	4-15-15	L. D. Vaughn
Southern Connellsville Coke Co	Marion No. 2	8-21-14	L. D. Vaughn
Southern Connellsville Coke Co	No. 2	6-10-15	L D. Vaughn
PRESTON COUNTY			
Austen Coal & Coke Co	No. 1	9-29-14	L. D. Vaugnh
Austen Coal & Coke Co	No. 1	9-30-14	L. D. Vaughn
Austen Coal & Coke Co	No. 1	12-30-14	L. D. Vaughn

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
PRESTON CO.—Continued			
Austen Coal & Coke Co	No. 1	12-31-14	L. D. Vaughn
Austen Coal & Coke Co	No. 1	2-25-15	L. D. Vaughn
Austen Coal & Coke Co	No. 2	4-28-15	L. D. Vaughn
Borgman Coal Co	No. 1	8- 3-14	L. D. Vaughn
Borgman Coal Co	No. 1	10- 9-14	L. D. Vaughn
Borgman Coal Co	No. 1	2- 2-15	L. D. Vaughn
Borgman Coal Co	No. 1	5- 5-15	L. D. Vaughn
Elkins Coal & Coke Co	Kingwood No. 4	8-17-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6-5	8-19-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	8-24-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	2-25-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	8-26-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	8-27-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	8-28-24	L. D. Vaughn
Elkins Coal & Coke Co	No. 1	11-17-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 1	11-18-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	12- 8-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	12- 9-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	12-10-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6-5	12-11-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	12-21-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	12-22-14	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	3-15-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	3-16-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 2	3-17-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	3-18-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 6	3-19-15	L. D. Vaughn
Elkins Coal & Coke Co	No. 6-5	3-23-15	L. D. Vaughn
Gorman Coal & Coke Co	No. 2	7-24-14	L. D. Vaughn
Gorman Coal & Coke Co	No. 3	7-25-14	L. D. Vaughn
Gorman Coal & Coke Co	No. 3	3- 4-15	L. D. Vaughn
Hiorra Coke Co	Vulcan No. 1	7- 1-14	L. D. Vaughn
Hiorra Coke Co	Vulcan	10- 5-14	L. D. Vaughn
Hiorra Coke Co	Vulcan	10- 6-14	L. D. Vaughn
Hiorra Coke Co	Vulcan	12-17-14	L. D. Vaughn
Hiorra Coke Co	Vulcan	2-16-15	L. D. Vaughn
Hiorra Coke Co	Vulcan	4-29-15	L. D. Vaughn
Hiorra Coke Co	Vulcan	6-29-15	L. D. Vaughn
Hiorra Coke Co	Vulcan	6-29-15	F. E. Parsons
Irona Coal Co	No. 2	10- 2-14	L. D. Vaughn
Irona Coal Co	No. 2	11-25-14	L. D. Vaughn
Irona Coal Co	No. 1	2- 3-15	L. D. Vaughn
Irona Coal Co	No. 2	2- 5-15	L. D. Vaughn
Irona Coal Co	No. 2	5- 6-15	L. D. Vaughn
Irona Coal Co	No. 1	5- 7-15	L. D. Vaughn
Irona Coal Co	No. 1	6- 3-15	L. D. Vaughn
Irona Coal Co	No. 1	6-30-15	L. D. Vaughn
Kendall Lumber Co	No. 1	10- 8-14	L. D. Vaughn
Late Gordon B. Coal Co	No. 1	7-28-14	L. D. Vaughn
Late Gordon B. Coal Co	No. 1	10-23-14	L. D. Vaughn
Late Gordon B. Coal Co	No. 1	1-29-15	L. D. Vaughn
Merchants Coal Co	No. 2	5- 3-15	L. D. Vaughn
Merchants Coal Co	No. 2	5- 4-15	L. D. Vaughn
Preston Coal Co	No. 1	9- 8-14	L. D. Vaughn
Preston Coal Co	No. 1	9-28-14	L. D. Vaughn
Preston Coal Co	No. 1	11-13-14	L. D. Vaughn
Preston Coal Co	No. 1	11-30-14	L. D. Vaughn
Preston Coal Co	No. 1	1-28-15	L. D. Vaughn
Preston Coal Co	No. 1	3- 5-15	L. D. Vaughn
Preston Coal Co	No. 1	4-14-15	L. D. Vaughn
Preston Coal Co	No. 1	6-16-15	L. D. Vaughn
Preston Coal Co	No. 1	6-28-15	L. D. Vaughn
Preston Coal Co	No. 1	6-28-15	F. E. Parsons
Preston County Coke Co	No. 1	8- 6-14	L. D. Vaughn
Preston County Coke Co	No. 2	8- 6-14	L. D. Vaughn
Preston County Coke Co	No. 3	8- 7-14	L. D. Vaughn
Preston County Coke Co	No. 4	8- 8-14	L. D. Vaughn
Preston County Coke Co	No. 1	2- 9-15	L. D. Vaughn
Preston County Coke Co	No. 3	2-10-15	L. D. Vaughn
Preston County Coke Co	No. 1	6- 1-15	L. D. Vaughn
Preston County Coke Co	No. 3	6- 2-15	L. D. Vaughn
Preston County Coke Co	No. 4	6- 2-15	L. D. Vaughn
Somerset-Smokeless Coal Company	Tunnelton	7-27-14	F. E. Parsons
Somerset-Smokeless Coal Company	Tunnelton	7-28-14	F. E. Parsons
Somerset-Smokeless Coal Company	Tunnelton	7-29-14	F. E. Parsons
Somerset-Smokeless Coal Company	No. 2	11-10-14	L. D. Vaughn
Somerset-Smokeless Coal Company	No. 2	11-11-14	L. D. Vaughn

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
PRESTON CO.—Continued			
Somerset-Smokeless Coal Company	No. 2	1- 6-15	L. D. Vaughn
Somerset-Smokeless Coal Company	No. 2	1- 7-15	L. D. Vaughn
Somerset-Smokeless Coal Company	No. 2	3- 1-15	L. D. Vaughn
Somerset-Smokeless Coal Company	No. 2	3- 2-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	7-23-14	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	9- 7-14	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	12- 7-14	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	1-20-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	2- 1-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	3-10-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	3-11-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	4- 7-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	4- 8-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	5-21-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	5-24-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	5-25-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	5-26-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	6-14-15	L. D. Vaughn
Virginia-Maryland Coal Corporation	Scotch Hill	6-15-15	L. D. Vaughn
Wills, John	Corinth No. 1	10- 7-14	L. D. Vaughn
TAYLOR COUNTY			
Davis, T. B. (Estate)	No. 2	9-11-14	L. D. Vaughn
Delmar Coal Co	Barry	12-15-14	L. D. Vaughn
Delmar Coal Co	Barry	2-26-15	L. D. Vaughn
Delmar Coal Co	Barry	4- 9-15	L. D. Vaughn
Delmar Coal Co	Barry	6-18-15	L. D. Vaughn
Grafton Coal & Coke Co	No. 2	9-10-14	L. D. Vaughn
Grafton Coal & Coke Co	No. 2	3-31-15	L. D. Vaughn
Grafton Coal & Coke Co	No. 1	1- 5-15	L. D. Vaughn
Grafton Coal & Coke Co	No. 2	1- 5-15	L. D. Vaughn
Harrison Coal Co	No. 1	9-25-14	L. D. Vaughn
Harrison Coal Co	No. 1	1-15-15	L. D. Vaughn
Harrison Coal Co	No. 1	5-19-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	9-14-14	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	9-15-14	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 4	9-17-14	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 4	9-18-14	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 1	9-21-14	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	1- 8-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	1-11-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	1-12-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 4	1-19-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 1	5-10-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	5-11-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 2	5-12-15	L. D. Vaughn
Maryland Coal Co. of West Virginia	No. 4	5-18-15	L. D. Vaughn
McGraw Coal Co	No. 1	7-31-14	L. D. Vaughn
McGraw Coal Co	No. 1	9-24-14	L. D. Vaughn
McGraw Coal Co	No. 1	12-18-14	L. D. Vaughn
McGraw Coal Co	No. 1	3- 3-15	L. D. Vaughn
Pittsvein Coal Co	No. 4	9-16-14	L. D. Vaughn
Pittsvein Coal Co	No. 4	1- 4-15	L. D. Vaughn
Pittsvein Coal Co	No. 4	3- 8-15	L. D. Vaughn
Pittsvein Coal Co	No. 4	5-20-15	L. D. Vaughn
Rosemont Coal Co	Rosemont	7- 2-14	L. D. Vaughn
Rosemont Coal Co	Rosemont	7- 3-14	L. D. Vaughn
Rosemont Coal Co	Rosemont	9-22-14	L. D. Vaughn
Rosemont Coal Co	Rosemont	9-23-14	L. D. Vaughn
Rosemont Coal Co	Rosemont	1-25-15	L. D. Vaughn
Rosemont Coal Co	Rosemont	3-29-15	L. D. Vaughn
Rosemont Coal Co	Rosemont	3-30-15	L. D. Vaughn
Rosemont Coal Co	Rosemont	4-20-15	L. D. Vaughn
Sterling Coal Co	Cecil	12-16-14	L. D. Vaughn
Winona Coal & Coke Co	No. 1	7-29-14	L. D. Vaughn
Winona Coal & Coke Co	No. 1	11-12-14	L. D. Vaughn
Winona Coal & Coke Co	No. 1	2-22-15	L. D. Vaughn
UPSHUR COUNTY			
Buckhannon River Coal & Coke Co	No. 2	11-24-14	L. D. Vaughn
Red Rock Fuel Co	Red Rock	11-23-14	L. D. Vaughn

INSPECTOR'S REPORT.

GRAFTON, W. VA., July 1, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith submit my Annual Report as Inspector of the Third Mining District of W. Va. for the fiscal year ending June 30, 1915.

This district is composed of 14 mines in Taylor County, 12 mines in Monongalia County, 17 in Barbour County, 21 in Preston County, and 5 mines in Upshur County, and Ocean Mine in Harrison County. On May 29, 1915 the mines of Upshur County, and Ocean Mine in Harrison County were transferred from the Second to the Third Mining District, and the Dartmore, Sara, and Junior Mines in Barbour County were transferred from the Third to the Fourth Mining District. Only one inspection was made of Ocean Mine since the transfer and it has been closed since, therefore there is no report on it.

During the past year the coal business has been very dull in this district. Very few of the mines have worked full time, and some of them have not been in operation at all.

It gives me great pleasure to report that the number of fatal accidents has gradually decreased during my six years service in the District. However there have been more non-fatal accidents reported since the enactment of the Compensation Act,—due to the fact that all accidents are reported now, and only the most serious were formerly reported. I have one suggestion to offer relative to the amendment of a part of the Compensation Act. I would suggest that the entire Mine Department be brought under the Compensation Act, the same as the miner.

During the past year the dust has been so thoroughly taken care of that it has given me little concern. Fans have been installed in most of the mines, and the order you issued some time ago concerning fireproof fan houses has been generally complied with. Generally speaking, the mine ventilation throughout the District is good and up to the standard.

A regular system of timbering (mentioned in all my reports) has been installed in most of the mines with very satisfactory results. The number of accidents from roof falls has been greatly decreased. This regular method of timbering that I have recommended throughout the District is the system of setting the timbers and keeping them in line both ways. We strive to eliminate the use of wedges over the cap pieces on props. Where wedges are used, they are placed between the end of the prop and the cap piece, which prevents the cap piece from breaking when the same takes weight. In my judgment, this is the proper way to tighten a prop.

The following new mines have been opened and are being developed:

Lehigh Mine.........	Lehigh Coal Co.
Monon Mine..........	Monongalia Coal Co.
Delmar Mine..........	Delmar Coal Co.
Maidsville Mine.......	North American Coal Co.

There are 70 mines in this District, and during the past year I have made 204 regular inspections and investigations.

In conclusion I wish to say that I am more than grateful to the miners and mine operators for their hearty co-operation with the Mine Department. I have not been obliged to perform the painful duty of prosecuting either miner or operator during the past year, and I take this opportunity of expressing my gratitude to the operators, managers, superintendents, mine foremen, and miners for the many courtesies shown me in the discharge of my duties, and for their co-operation in endeavoring to improve the mining conditions,—both safety and sanitary, throughout the District.

To the Chief of the Department I wish to say that I am especially grateful for the valuable assistance, advise and courteous treatment I have received from him, and I wish for the Mine Department of this State many years of prosperity and success.

Respectfully submitted,

L. D. VAUGHN,

Inspector of Third Mining District.

BARBOUR COUNTY.

BOAT RUN COAL COMPANY.

ARDEN.

(General Offices, Grafton.)

No. 301. *Arden No. 1.—Upper Freeport Seam—Drift.*—This mine is located on the G. & B. Railroad nine miles north of Philippi. Arden No. 1 Mine was first owned by Tygart's River Coal Co., but this Company went into the hands of Receivers, and Wm. Morgan acted as Trustee. Mr. Morgan later took the property over and operated it for sometime but the same is now owned and operated by the Boat Run Coal Company, with Richard Gerstell, Jr., as manager. This mine produces a fine quality of Freeport coal when properly prepared. The roof is good and timbering is well taken care of. The mine is drained by water cars and ditches. Ventilation is produced by a steam driven fan and very well distributed to the working places. The daily capacity is 500 tons. The outside equipment consists of tipple, blacksmith shop and mine office.

RICHARD GERSTELL, JR., *Manager.*
ELIHU MITCHELL, *Mine Foreman.*
IRA HOFFMAN, *Superintendent.*

CENTURY COAL COMPANY.

CENTURY.

No. 302. *Century No. 1.—Shaft—Redstone Seam, 5 feet.*—This mine is located on the Buckhannon branch of the B. & O. Railroad, four miles from Lemley Junction, is operated on the panel system, and the shaft is 150 feet deep. The ventilation is produced by a 13-foot fan and the split air system, and is conducted to the working places by means of overcasts and check curtains. This mine generates some explosive gas but it is a wet mine, and no dust is allowed to accumulate. Fire bosses and shot firers are employed, and safety powder is used exclusively. There are three main splits in the air current, and also a number of sub-splits. Each heading receives fresh air from the surface. The stoppings are all built of brick or concrete, and kept in repair. This is a shaft opening, but strange to say, the drainage is natural. The roof is good and timbering is well taken care of. An additional electric equipment has recently been installed outside and this increases their electric equipment sufficient to enable them to operate No. 2 opening by electricity instead of horse power, and has also converted it into a machine mine. The daily capacity of the mine is 1400 tons.

BEN BISSELL, *Manager.*
Baltimore, Md.
JOHN PHILIPS, *Superintendent.*
W. H. WATKEYS, *Mine Foreman.*
JOHN POKAS, *Fire Boss.*
JOHN DONAHUE, *Fire Boss.*
J. M. LOUGH, *Fire Boss.*

CENTURY COAL COMPANY.

CENTURY.

No. 303. *Century No. 2.—Drift—Redstone Seam, 5 feet.*—This mine is operated on the double entry system and is connected underground with No. 1 mine, so that No. 2 mine is ventilated by the fan at No. 1 mine. The ventilation is deflected to the working faces by means of overcasts and check curtains. The roof is bad in places but a satisfactory system of timbering has been adopted. The drainage is cared for by natural means. Since a new electric equipment has been installed at No. 1 mine, a sub-station has been placed at No. 2 mine which supplies the power for operating machines and haulage motors. The capacity is about 800 tons per day.

BEN BISSELL, *Manager.* GARFIELD MUNDY, *Mine Foreman.*
JOHN PHILIPS, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

BERRYBURG.

(General Offices, Fairmont.)

No. 304. *No. 37.—Drift—Pittsburg Seam.*—This mine, which is operated on the double entry system, is located on the Berryburg branch of the G. & B. Railroad four miles from Berryburg Junction. The ventilation is produced by two fans—one driven by steam, the other by electricity. The roof is bad about the clay veins, but the timbering is well taken care of by means of a regular system. Pumps and ditches provide for the drainage. This mine liberates some explosive gas where clay veins are encountered, but not in dangerous quantities. This gas is well looked after. Fire bosses are employed and safety powder is used exclusively. The daily capacity is 910 tons. The outside equipment consists of boiler and power house, general repair and blacksmith shop, motor barn and tipple.

H. H. WATSON, *Genl. Manager.* LEE COTRILL, *Mine Foreman.*
W. W. FERGUSON, *Superintendent.* A. A. SHAW, *Fire Boss.*
S. H. SHAW, *Fire Boss.*

H. M. CRAWFORD COAL COMPANY.

PHILIPPI.

No. 305. *Adma.—Drift—Upper Freeport Seam, 5 feet thick.*—This is a small double entry mine on the G. & B. Railroad about 7 miles south of Philippi. It was last operated by H. M. Crawford, but has been idle during the past year.

H. M. CRAWFORD, *Manager and Superintendent.* *No mine foreman.*

DAVIS COAL & COKE COMPANY.

DARTMORE.

(General Offices, Thomas.)

No. 306. *Dartmore.—Slope—Kittaning Seam, 5 feet thick.*—This mine is operated on the triple heading system, and is located at Dartmore, on the Western Maryland Railroad, about 2 miles south of Belington. It was transferred from the 3rd to the 4th Mining District on May 29, 1915. The mine is ventilated by a steam driven fan, and air is conducted to the face of the working places by overcasts and check curtains. On my last visit the bone coal and rock stoppings had been replaced by wood fibre. The results were very satisfactory. The roof is friable but the timbering is well taken care of by the regular system. Pumps and ditches provide for the drainage. The outside equipment consists of a modern tipple with chain hoist extending to the bottom of the slope, boiler and power house, blacksmith shop and mine office. The daily capacity is 800 tons.

A. L. MALONEY, *Genl. Manager.* GEORGE ADAMS, *Mine Foreman.*
H. H. HARRISON, *Superintendent.*

DAVIS COLLIERY COMPANY.

JUNIOR.

(General Offices, Elkins.)

No. 307. *Junior No. 4.—Drift—Lower Kittaning Seam, 4 feet 8 inches.*—This mine is located at Junior, W. Va., on the Western Maryland Railroad. It is operated on the double entry system and ventilated by a steam driven fan. This mine was transferred from the 3rd to the 4th Mining District on May 29, 1915. At the time of my last visit the ventilation was not very satisfactory, due to the congested conditions of the airway. However this was being overhauled and made to comply with the law. The roof is of a soap stone nature and very friable. A regular system of timbering has been adopted and is rigidly followed. Drainage is provided by pumps and ditches. The outside equipment consists of tipple, 75 coke ovens, boiler house, blacksmith shop and mine office. The daily capacity is 400 tons.
WALTER BISHOP, *Manager and Superintendent.* WILLIAM WILSON, *Mine Foreman.*

GAUGE COAL COMPANY.

JUNIOR.

(General Offices, Pittsburg, Pa.)

No. 308. *Sara.—Drift—Lower Kittaning Seam, 4 feet 6 inches.*—This mine is located on the Western Maryland Railroad about 1 mile south of Junior, W. Va. It is operated on the double entry system and ventilated by an electric fan. The air is deflected to the face of the working places by means of check curtains and doors. The roof is of a soap stone nature and very friable. The timbering is well taken care of, and the mine is drained by water car and ditches. This mine was transferred from the 3rd to the 4th Mining District on May 29, 1915. The outside equipment consists of blacksmith shop, mine office, boiler and power house, motor barn, tipple and Bradford breaker and separator, 75 coke ovens and one coke loading machine. The daily capacity is 300 tons.
GEORGE HINKLE, *General Manager.* H. C. HASKINS, *Mine Foreman.*

GRAFTON FUEL COMPANY.

LILLIAN.

(General Offices, Grafton.)

No. 309. *Lillian No. 1.—Drift—Upper Freeport.*—This mine is located at Lillian, on the G. & B. Railroad five miles south of Philippi. It is operated on the double entry system and ventilation is produced by steam driven fan. The roof is good, timbering is well taken care of, and drainage is natural. The daily capacity is 400 tons. The outside equipment consists of tipple, blacksmith shop, mine office and a new gasoline motor which has recently been installed inside the mine.
L. B. BRYDON, *Manager.* JOE MARTINEY, *Mine Foreman.*
W. S. BRYDON, *Superintendent.*

HUMPHREYS COAL COMPANY.

PHILIPPI.

(General Offices, Beaverdale, Pa.)

No. 310. *Humphreys No. 1.—Drift—Upper Freeport Seam, 5 feet thick.*—This mine is located on the G. & B. Railroad near Philippi, and operated on the double entry system. It is ventilated by a steam driven fan and the air is conducted to the face of the working places by means of check curtains and doors. The roof is of bone coal and very good. Drainage is taken care of by means of pumps and water cars. The daily capacity is 300 tons. The tipple, boiler and power house, office building and concrete magazine comprise the outside equipment.
ARTHUR APPLEYARD, *General Manager.* J. M. SWICK, *Mine Foreman.*
A. D. WOODFORD, *Superintendent.*

LAUREL CREEK COAL COMPANY.

ARDEN.

No. 311. *Laurel Creek No. 1.—Drift—Upper Freeport Seam, 5 feet thick.*—This mine is located at Arden, on the G. & B. Railroad nine miles north of Philippi and operated on the double entry system. The ventilation is produced by furnace but was never very satisfactory. This mine is all pillar work and will soon be abandoned. The roof and timbering are well taken care of. The daily capacity is about 150 tons, but the mine has been idle most of the time during the past year. Tipple and blacksmith shop are the only outside equipment.

L. B. BRYDON, *Manager, Grafton.* *No Mine Foreman at present.*
S. W. BRYDON, *Superintendent.*

LUELLA COAL & COKE COMPANY.

ARDEN.

(General Offices, Philippi.)

No. 312. *Luella No. 1.—Drift—Upper Freeport Seam, 5 feet thick.* This mine is located at Arden, on the G. & B. Railroad and operated on the double entry system. The ventilation is produced by a gasoline fan, and deflected to the face of the working places by means of check curtains and doors. The roof is composed of soft slate and sand rock and is very good. The square system of timbering has been adopted and well kept up. Drainage is produced by pumps and water cars. The daily capacity is 250 tons. This is a pick mine and has been in continual operation during the slack time. The outside equipment consists of store and office building, blacksmith shop and tipple.

H. M. CRAWFORD, *Manager and Superintendent.* JAMES ROBINSON, *Mine Foreman.*

MIDLAND COAL & COKE COMPANY.

MERRIDEN.

(General Offices, Scottsdale, Pa.)

No. 313. *Midland Shaft No. 1.—Upper Freeport Seam.*—This mine is located on the Berryburg branch of the G. & B. Railroad near Berryburg Junction. The shaft is 150 feet deep. When in operation, ventilation is produced by a ten-foot steam driven fan. The mine has been idle for more than a year, except for the mining of enough coal to fire the boilers for pumping purposes. The outside equipment consists of boiler and power house, wood head-house, engine room, 100 coke ovens, and mine office. There are also about 20 dwelling houses which have been idle for two years.

W. B. HURST, *Manager.* *No mine foreman,—mine idle.*

LEE J. SANDRIDGE COAL COMPANY.

MERRIDEN.

(General Offices, Philadelphia, Pa.)

No. 314. *Merriden Nos. 1, 2, 3 and 4.—Upper Freeport Seam, 5 feet thick.*—These mines are located about one and one-half miles north of Philippi on the G. & B. Railroad, and are operated on the double entry system. The ventilation is produced for all by one fan. The coal from Nos. 1, 2 and 3 mines goes over the same tipple. Number 4 mine has a separate tipple, but has been idle during the past year. The openings of mines Nos. 1, 2, 3 and 4 are all connected underground. All the mines would become very dusty were it not for the continual pumping of the exhaust steam from the fan into the mines, so that sufficient humidity is maintained during both winter and summer. The coal is undercut by electric chain machines. This cutting is done in a clay binder, and the cuttings are useless and almost harmless due to the fact that one-third of them is clay. The roof is good, timbering is well kept up, and the mine is drained by pumps and ditches. The daily capacity is 1000 tons. The outside equipment consists of two tipples, boiler and power house, blacksmith shop, mine office,—also 100 coke ovens which have been idle for about six years.

LEE J. SANDRIDGE, *Manager and Superintendent.* H. G. HURSHMAN, *Mine Foreman.*

MONONGALIA COUNTY.

ANTLER COAL COMPANY.

UFFINGTON.

(General Offices, Fairmont.)

No. 315. *Grant.—Drift.—Pittsburg Seam, 8 feet thick.*—This mine is located on the west side of the Monongahela River, six miles south of Morgantown, on the B. & O. Railroad. The mine is operated on the double entry system. Ventilation is produced by natural means, and several holes are driven to the outside. The roof is bad, is of a slippy, soapstone nature, and requires close and careful timbering. The drainage is provided for by ditches. The coal is dumped into bins at the mine, and then conveyed across the river in steel buckets to the Railroad tipple, and loaded into railroad cars. The daily capacity is 200 tons.

T. W. ARNETT, *Manager and Superintendent.* E. O. PERKEY, *Mine Foreman.*

CONNELLSVILLE BASIN COAL & COKE COMPANY.

PRESENT ADDRESS NOT KNOWN.

(Former Office, Connellsville, Pa.)

No. 316. *Rock Forge.—Drift—Upper Freeport Seam, 4 feet 6 inches.*—This mine is located about 4 miles south of Morgantown on the M. & K. Railroad. The outside is fully equipped with electric haulage, electric fan, tipple and Bradford breaker, and also a number of coke ovens. The mine has not been in operation within the last 2 years. It was last operated by the Connellsville Basin Coal & Coke Co. and the names of the officials are not known.

THE CONSOLIDATION COAL COMPANY.

BEECHWOOD.

(General Offices, Fairmont.)

No. 317. *No. 30.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located on the F. M. & P. Railroad, and operated on the double entry system. The ventilation is natural, but holes driven to the outside in several places makes it very good. All the present workings are on pillar work, and only about 6 acres of solid work remains to be taken out. The roof and timbering are good. The mine is drained by pumps and ditches. The outside equipment consists of tipple, boiler and power house, blacksmith shop and general repair shop, and mine office. The daily capacity is 300 tons.

H. H. WATSON, *General Manager.* C. H. JOHNSON, *Mine Foreman.*
W. H. HESS, *Superintendent.*

ELKINS COAL & COKE COMPANY.

RICHARD.

(General Offices, Morgantown.)

No. 318. *Richard No. 1.—Drift—Upper Freeport seam, 4 feet 4 inches thick.*—This mine is located 4 miles south of Morgantown on the M. & K. Railroad. It is operated on the double entry system. Ventilation is produced by a steam driven fan and distributed throughout the mine by means of overcasts and check curtains. The roof is good, is of hard bone coal, and the same is taken down in the headings for height. The system of timbering is well taken care of. This would be a dry and dusty mine if the humidity were not well taken care of by continuous pumping of exhaust steam from the fan into the mine, and dry steam in winter, whenever necessary. The mine is drained by pumps. The outside equipment consists of a tipple and Bradford breaker and separator, blacksmith and repair shop, boiler and power house, mine office, 150 coke ovens. The daily capacity is 700 tons.

J. B. HANFORD, *Manager and Superintendent.* OLIVER BERNARD, *Mine Foreman.*
JACK HALL, *Asst. Mine Foreman.*

ELKINS COAL & COKE COMPANY.

RICHARD.

(General Offices, Morgantown.)

No. 319. *Richard No. 3.—Drift—Upper Freeport Seam, 4 feet 4 inches thick.*—This is a small mine opened up on the main line of the M. & K. Railroad and is a coaling station. It is operated on the double entry system and is ventilated by an electric driven fan. The electric power for this mine is obtained from the Richard No. 1 Mine. The roof is bone coal, and is well taken care of. Pumps provide drainage for the mine. Tipple and mine office comprise the outside equipment. The daily capacity is 150 tons.

J. B. HANFORD, *Manager and Superintendent.* OLIVER BERNARD, *Mine Foreman.*
JACK HALL, *Asst. Mine Foreman.*

ELKINS COAL & COKE COMPANY.

MORGANTOWN.

No. 320. *Sabraton No. 5.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located on the M. & K. Railroad two and one-half miles south of Morgantown. The mine is operated on the double entry system and three additional openings have been added. No. 5 mine proper is all on pillar work, and will soon be abandoned,—all except the main heading pillars, which will be reserved for a haulage way for the additional openings on the opposite side of the hill. The daily capacity is about 550 tons. The ventilation is produced by an electric driven fan and distributed to the working places by means of check curtains and doors. This ventilation has always been very satisfactory. The roof is generally poor, is of a soap stone nature, and requires very careful timbering. However the timbering is well looked after by an efficient corps of mine officials. Pumps, ditches and water cars provide the drainage. The tipple is two miles from the mines, and is located at Sabraton on the M. & K. Railroad. The coal is hauled from the mine by a 20 ton electric locomotive. The electric power is leased from the Utility Company of Morgantown, and 600 volts are conducted to a sub-station at the mines and there transformed to 250 volts for inside mine use. The blacksmith shop and repair shop, mine office and several dwellings comprise the outside equipment at the mine. The daily capacity is 550 tons.

J. B. HANFORD, *Manager and Superintendent.* FLOYD, GANDY, *Mine Foreman.*

GREAT SCOTT COAL & COKE COMPANY.

MORGANTOWN.

No. 321. *Great Scott.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located 3 miles north of Morgantown, on the Monongahela River, and is operated on the double entry system. The mine is ventilated by a furnace, but the ventilation has never been satisfactory. The roof is good and the timbering very satisfactory. The mine is drained by ditches. The outside equipment consists of two tipples,—one river and one railroad tipple, and a blacksmith shop. The coal is conveyed across the river on a cable in buckets to the railroad tipple, and is trammed from the mine to the river tipple. The daily capacity is 500 tons.

ALEX H. TAIT, *General Manager.* W. H. DEETS, *Mine Foreman.*
A. GORDON TAIT, *Superintendent.*

LEHIGH COAL COMPANY.

MORGANTOWN OR LOWESVILLE.

(General Offices, Cleveland, Ohio.)

No. 322. *Lehigh No. 1.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is operated on the triple heading system and is located on the B. & N. Railroad, 12

miles north of Fairmont. This is a new plant operated by Ohio capitalists, and up to the present time has not shipped much coal. The mine is ventilated by an electric driven fan, and the air is distributed by check curtains and doors. The roof is good and timbering is well taken care of. This mine is drained by pumps and water cars. The outside equipment consists of power house and its equipment and the tipple. The daily capacity is 200 tons.
G. B. HARTLEY, *Manager and Superintendent.* J. W. DENNISON, *Mine Foreman.*

MONONGALIA COAL COMPANY.

LOWESVILLE.

(General Offices, Fairmont.)

No. 323. *Monon No. 1.—Drift—Sewickley Seam, 5 feet 6 inches thick.*—This mine is located on the B. & N. Railroad 12 miles north of Fairmont, and operated on the double entry system. Preparations are under way for the installation of a fan. This is a new mine and has not been put in operation. The outside equipment consists of side tracks, tipple, conveyor, head house, stable, blacksmith shop and mine office. The daily capacity will be 100 tons.
M. P. BRADY, *Superintendent and Manager.* *No Mine Foreman.*

NORTH AMERICAN COAL COMPANY.

MORGANTOWN.

No. 324. *Maidsville No. 1.—Drift—Pittsburg seam, 7 to 9 feet thick.*—This is a new mine, recently opened and has been operated but very little. It is located on the B. & N. Railroad on the west bank of the Monongahela River about 6 miles below Morgantown and near the Pennsylvania state line. It is operated on the double entry system and ventilated by furnace. Negotiations are under way for the installation of a fan. The roof is good and timbering is well kept up. Pumps and ditches provide for the drainage. The tipple and a small office comprise the outside equipment. The daily capacity is 400 tons.
T. E. THOMAS, *Manager and Superintendent.* *No Mine Foreman at present.*
Morgantown.

SOUTHERN CONNELLSVILLE COKE COMPANY.

CHEAT HAVEN, PA.

(General Offices, Uniontown, Pa.)

No. 325. *Marian No. 1.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located near the Pa. line on the opposite side of the river from Cheat Haven, Pa. It is operated on the double entry system, and is owned and controlled by the Southern Connellsville Coke Co., of Uniontown, Pa. This Company has two mines opened on the south side of Cheat River, opposite Cheat Haven,—one in Pennsylvania, and one in W. Va. The Company owns a large tract of coal land in Monongalia County, which the above mentioned mine opens into. The coal is hauled by a gasoline motor from the West Virginia mine through the Pennsylvania mine to the river, and there conveyed across in steel buckets. The entire output is converted into coke in Pennsylvania near Cheat Haven. The mine is ventilated by means of a properly constructed furnace, and the ventilation has always been very satisfactory. Water cars, pumps and ditches provide for the drainage. The black slate roof is good and the timbering is up to the standard. The outside equipment consists of boiler house, hoisting engine, coal bins, mine office and blacksmith shop. This equipment is located on the Pennsylvania side. The daily capacity is 210 tons.
S. A. CARSON, *Manager and Superintendent.* ALEX LANG, *Mine Foreman.*

SUPERIOR CONNELLSVILLE COKE COMPANY.

OPEKISKA.

(General Offices, Greensburg, Pa.)

No. 326. *Opekiska.—Drift—Pittsburg seam, 8 feet thick.*—This mine is located at Opekiska, 10 miles north of Fairmont on the F. M. & P. Railroad. It is operated on the double entry system and ventilation is produced by natural means. The roof is of a soap stone nature and requires careful timbering and close attention. It is drained by ditch and hand pumps. At one time this mine was owned and operated by the Pittsburg Steam Coal Company. Later it passed into the hands of the Pittsburg and Connellsville Coal Co., and was operated by them for a while, but it is now owned by the Superior Connellsville Coke Company, who have made some additional openings into another field of coal. This company anticipates doing business on a larger scale as soon as business warrants it. The outside equipment consists of a blacksmith shop, gravity plane, mule stable, tipple and 25 coke ovens and mine office. The daily capacity is 350 tons.

M. L. PAINTER, *General Manager.* CLARENCE E. MALONE, *Mine Foreman.*
F. K. WOODWARD, *Superintendent.*

PRESTON COUNTY.

AUSTEN COAL & COKE COMPANY.

AUSTEN.

(General Offices, New York City.)

No. 327. *Austen No. 1.—Drift—Upper Freeport, 4 feet 6 inches thick.*—This mine is located at Austen, on the Raccoon Valley branch of the B. & O. Railroad, and operated on the double entry system. It is ventilated by an electric driven fan and the air is distributed throughout the mine by means of check curtains and doors. The roof is soap stone and draw slate and very friable. A regular system of timbering is followed and well kept up. Pumps and ditches provide for the drainage. The entire tipple equipment was destroyed by fire some time ago, but it has been replaced by a wood tipple with a Bradford breaker installed. There is also an electric power and boiler house which is constructed of brick. There are 200 coke ovens at this mine, about 100 of which are in blast now, and the principal output of this mine is converted into coke. The capacity is 600 tons per day.

C. W. ZEHNDER, *General Manager.* JOHN COOK, *Mine Foreman.*
F. W. HOCHLER, *Superintendent.*

AUSTEN COAL & COKE COMPANY.

AUSTEN.

(General Offices, New York City.)

No. 328. *Austen No. 2.—Drift—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is operated on the double entry system and is located just opposite No. 1 Mine. It is ventilated by a steam driven fan, and the air is deflected to the face of the working places by check curtains and doors. The entire exhaust from the fan enters the mine when necessary to humidify the mine air. The roof is friable, but is well taken care of by the regular adopted system of timbering. The mine is drained by ditches. The outside equipment consists of a blacksmith shop and tipple. The daily capacity is 400 tons.

C. W. ZEHNDER, *General Manager.* JOHN COOK, *Mine Foreman.*
F. W. HOCHLER, *Superintendent.*

BORGMAN COAL COMPANY.

TUNNELTON.

No. 329. *Borgman No. 1.—Drift—Freeport Seam—5 feet thick.*—This mine is operated on the double entry system, and is located on the West Virginia and Northern Railroad, 4 miles west of Kingwood. It is ventilated by a steam driven fan and the air is well distributed to the face of the working places by means of check curtains and doors. The roof is bone coal, and the regular system of timbering is well taken care of. The mine is drained by ditches and water cars. Two additional openings have been made during the past year, and the coal from openings 1, 2 and 3 goes over the same tipple. These mines are all open below the tipple, and the coal is hoisted to the tipple by engine and plane. The outside equipment consists of an engine plane, boiler house, tipple, blacksmith shop and mine office. The daily capacity is 350 tons.

F. W. BORGMAN, *Superintendent and General Manager.*
ED. STEVENS, *Mine Foreman.*

ELKINS COAL & COKE COMPANY.

BRETZ.

(General Offices, Morgantown.)

No. 330. *Bretz No. 2.—Drift—Upper Freeport, 4 feet 6 inches thick.*—This mine is located at Bretz, on the M. & K. Railroad, and operated on the double entry system. It is ventilated by a steam driven fan, and the air is distributed to the face of the working places by means of overcasts and check curtains. The roof is bone coal, is left up in the rooms, but is brushed in the headings for motor height. The mine is drained by pumps. The outside equipment consists of boiler house, power house (which furnishes power for Masontown No. 6 mine, Burke No. 7 mine when in operation, and and for the lighting of the mining towns, Masontown, Burke and Bretz. There is also a tipple, a Bradford breaker and Separator, mine office, and 267 coke ovens. The daily capacity is 1500 tons.

J. B. HANFORD, *General Manager and Superintendent.*
JOE HANFORD, *Mine Foreman with 2 assistants.*

ELKINS COAL & COKE COMPANY.

KINGWOOD.

(General Offices, Morgantown.)

No. 331. *Kingwood No. 4.—Drift—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is located on a branch of the M. & K. Railroad near Kingwood, and operated on the double entry system. It is ventilated by an electric driven fan, and air is distributed to the face of the working places by means of overcasts and check curtains. Pumps and ditches provide the drainage. The outside equipment consists of boiler and power house, blacksmith shop, repair shop and motor barn, tipple and mine office. This mine has been operated but very little during the past year. The daily capacity is 600 tons.

J. B. HANFORD, *General Manager.* J. H. CHIDESTER, *Mine Foreman.*
BEN BOWMASTER, *Superintendent.*

ELKINS COAL & COKE COMPANY.

MASONTOWN.

(General Offices, Morgantown.)

No. 332. *Masontown No. 6.—Drift.—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is located at Masontown, on the M. & K. Railroad. The ventilation is produced by two electric driven fans, and the air is distributed to the face of the working places by means of overcasts and check curtains. The roof is bone coal, is left up in the rooms but is taken down in the headings. The regular system of timbering has been adopted and is very well taken care of. Pumps and ditches (principally ditches) provide for the drainage. The outside equipment consists of a blacksmith and general repair shop, an electric sub-station at No. 6 and also at No. 10 opening. (No. 10 flat will eventually connect with No. 10 flat of Bretz No. 2 Mine.) A modern steel tipple, with an improved picking table, has been erected within the year, and there are 80 coke ovens at this mine. The daily capacity is 1500 tons.

J. B. HANFORD, *Manager and Superintendent.* HENRY LOFTS, *Mine Foreman, with 3 Assistants.*

ELKINS COAL & COKE COMPANY.

BRETZ.

(General Offices, Morgantown.)

No. 333. *Burke No. 7—Drift.—Upper Freeport Seam, 4 feet 6 inches thick.*—This is a new mine which has been idle most of the past year. It is located near Bretz No. 2 Mine and operated on the double entry system. Burke No. 7 has four openings. Numbers 1 and 2 will be ventilated by the same fan which has already been installed. Numbers 3 and 4 openings have separate fans; these fans are driven by electricity and give complete satisfaction. The air will be distributed to the face of the working places by means of overcasts and check curtains. The roof is of bone coal, is left up in the rooms and brushed in the headings for height. The regular system of timbering is well taken care of. The mine is drained by pumps and ditches. The outside equipment consists of general repair and blacksmith shop, sub-station, tipple and mine office. The daily capacity is 300 tons.

J. B. HANFORD, *General Manager and Superintendent.*
ROBERT WOLFE, *Mine Foreman.*

GORMAN COAL & COKE COMPANY.

AUSTEN.

(General Offices, Baltimore, Md.)

No. 334. *Gorman No. 2.—Drift Opening.—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is operated on the double entry system, and located on the Raccoon Valley Branch off the B. & O. Railroad. Ventilation is produced by a compressed air driven fan, and conducted to the face of the working places by means of check curtains and doors. The roof is bad in most of the places, but the timbering is well taken care of. This mine is idle now and has been for several months. The outside equipment consists of tipple and blacksmith shop. The daily capacity is 150 tons.

GUS. GORMAN, *General Manager.*
PHILMORE KNOTT, *Mine Foreman.*
T. M. MURPHY, *Superintendent.*

GORMAN COAL & COKE COMPANY.

AUSTEN.

(General Offices, Baltimore, Md.)

No. 335. *Gorman No. 3.—Drift—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is located near Gorman No. 2 Mine on the Raccoon Valley branch of the B. & O. Railroad. It is operated on the double entry system. The ventilation is produced by natural means, but has never been very satisfactory. However there has never been very many men working in this mine at one time. The roof is sand rock and requires careful timbering, because there are a great many surface breaks in it. The regular system of timbering has been adopted, but is not rigidly enforced. The mine ls drained by water car and natural means. The outside equipment consists of tipple, gravity plane, blacksmith shop and mine office.

GUS GORMAN, *General Manager.*
PHILMORE KNOTT, *Mine Foreman.*
T. M. MURPHY, *Superintendent.*

HIORRA COKE COMPANY.

HIORRA.

(General Offices, Uniontown, Pa.)

No. 336. *Vulcan No. 1.—Drift—Upper Freeport Seam, 5 feet thick.*—This mine is located on the Raccoon Valley branch of the B. & O. Railroad at Hiorra, W. Va. It operated on the double entry system and ventilated by a steam driven fan. Air is conducted to the face of the working places by means of check curtains and doors. The roof is of a soap stone nature, contains many faults and clay veins, and is very friable. The regular system of timbering has been adopted and is kept up extra well. The mine is drained by pumps and ditches. The tipple, power and boiler house and blacksmith shop comprise the outside equipment. The capacity is 350 tons per day.

W. A. STONE, *Manager.* U. G. DEAHL, *Mine Foreman.*
G. L. HUMPHREYS, *Superintendent.*

HITE COAL COMPANY.

HIORRA.

(General Offices, Fairmont.)

No. 337. *Dixie No. 1 Mine.—Drift—Upper Freeport Seam, 5 feet thick.*—This mine is operated on the double entry system, and is located on the Raccoon Valley branch of the B. & O. Railroad at Hiorra. It was ventilated by an electric driven fan. The roof contains faults and clay veins and is very friable. The timbering is kept up when the mine is in operation, but it has been idle during the past year. The capacity is 200 tons per day.

J. Y. HITE, *General Manager.* *Mine idle—No mine foreman.*
Fairmont.

IRONA COAL COMPANY.

KINGWOOD.

(General Offices 727 Land Title Building, Philadelphia, Pa.)

No. 338. *Irona No. 2.—Drift—Upper Freeport Seam, 4 feet 6 inches thick.*—This mine is located on the West Virginia Northern Railroad 2 miles west of Kingwood. It is operated on the double entry system and ventilated by a steam driven fan. The air is distributed to the face of the working places by means of check curtains and doors. The roof is bone coal, is good, and requires very little timbering. Water cars and ditches provide for the drainage. The outside equipment consists of tail rope haulage, tipple, engine house and boiler house, blacksmith and general repair shop. The daily capacity is 200 tons.

Irona No. 1 Mine, is located near Iront No. 2 Mine. This is an old mine which has been idle for more than six years, until recently it has been reopened and re-equipped. It is operated on the double entry system, and the coal from this mine is dumped over No. 2 tipple. It is ventilated by a steam driven fan, recently installed, and the air is distributed to the face of the working places by means of check curtains and doors. The roof is bone coal and somewhat treacherous near the crop. It requires careful timbering and this is well taken care of. The daily capacity is 300 tons.

C. E. SHARPLESS, *General Manager.* LLOYD BRITTON, *Mine Foreman.*
J. D. WILLIAMS, *Superintendent.*

KENDALL LUMBER COMPANY.

CRELLIN, MD.

(General Offices, Pittsburg, Pa.)

No. 339. *Arnold Run No. 1.—Drift.—Kittanning Seam, 4 feet 4 inches thick.*—This mine is located about 3 miles from Crellin, Md., near the south western line of Preston county. It was opened for domestic coal and still used for that purpose, but occasionally a car load is shipped for commerce. Only about 15 men are employed. The daily capacity is 75 tons. Ventilation is produced by natural means and is usually good. The roof is bone coal and very well taken care of. Miners are employed by the day, and the shooting is all done at the same hour, which is of advantage to the ventilation. The tipple, blacksmith shop and mule stable comprise the outside equipment.

FRANK CUNNINGHAM, *Manager.* P. L. MERSING, *Mine Foreman.*
CHAS. REAM, *Superintendent.*

KINGWOOD COAL COMPANY.

HOWESVILLE.

(General Offices, Philadelphia, Pa.)

No. 340. *Howesville Nos. 1 and 2.—Drift.—Upper Freeport Seam, 4 feet 4 inches thick.*—This mine is located on the West Virginia Northern Railroad, 5 miles west of Kingwood. It is operated on the double entry system, but has been idle for more than a year. When in operation the mine was ventilated by a furnace, but this method was never very satisfactory. The roof is sand rock and requires very little timbering. Ditches and water cars provide for the drainage. The outside equipment consists of engine plane and tipple, boiler and engine house, mule stable, blacksmith shop and mine office. The daily capacity is 300 tons.

WM. ATKINS, *General Manager.* C. W. MARTIN, *Mine Foreman.*
ISAAC CONN, *Superintendent.*

GORDON B. LATE COAL COMPANY.

INDEPENDENCE.

(General Offices, Newburg.)

No. 341. *Gordon B. Late No. 1.—Slope.—Lower Kittanning Seam, 5 feet thick.*—This is the old Victoria Mine which has been reopened. It is operated on the double entry system, and located on the Hardman branch of the B. & O. Railroad. The ventilation is produced by a small steam driven fan, and well distributed to the face of the working places. The roof is bad and is of a slippy, soap stone nature; this is well taken care of by close and careful timbering. Pumps provide for the drainage. The daily capacity is about 250 tons. The outside equipment consists of a new tipple, engine and boiler house, a new blacksmith shop and mine office. A rope haulage has also been installed.

GORDON B. LATE, *Manager and Superintendent.* MAT MANNIX, *Mine Foreman.*

MERCHANTS' COAL COMPANY.

TUNNELTON.

(General Offices, Pittsburg, Pa.)

No. 342. *Tunnelton No. 2.—Drift.—Upper Freeport Seam, 4 feet 4 inches thick.*—This mine is located on the B. & O. Railroad at Tunnelton, and operated on the double entry system. It is ventilated by a steam driven fan, and the air is distributed throughout the mine by means of check curtains and doors. The roof is bone coal and sand rock, and when holes are placed too high, the bone coal roof becomes somewhat treacherous. The miners are required to keep this bone coal down to the face of the working places. The sand rock roof is then timbered where necessary. The mine is drained by means of pumps and ditches. The outside equipment consists of a steel tipple and picking table at the tipple, boiler and power house, motor barn, general repair and blacksmith shop, and also mine office. The principal output of this mine is used by the B. & O. Railroad Company for steam purposes. The daily capacity is 1000 tons.

JOHN GIBSON, *General Manager.* H. D. ZINN, *Mine Foreman.*
W. G. SHRODE, *Superintendent.*

PRESTON COAL COMPANY.

INDEPENDENCE.

(General Offices, 1215 Penn Square Building, Philadelphia, Pa.)

No. 343. *Preston Shaft No. 1.—Lower Kittanning Seam, 5 feet thick.*—This three compartment mine shaft which is 224 feet deep is located on the main line of the B. & O. Railroad near Independence. It is a gaseous mine therefore closed lights and safety powder are used exclusively. The mine is ventilated by a steam driven fan, and the air is conducted to the face of all working places throughout the mine by means of overcasts, check curtains, and brattices. The roof is of a soap stone nature, is very friable and thus requires very close and careful timbering. There is a regular system of timbering adopted and kept strictly up to the standard. The mine is drained by means of pumps. At present the coal is mined by pick, but the Company contemplates installing an electric equipment for hauling, cutting, and pumping. The outside equipment consists of one brick boiler house, two brick engine rooms—one for the hoisting of coal and the other for the hoisting and lowering of men and materials. There is also a two compartment air shaft which will be used later for hoisting men only, when properly equipped for that purpose. About 50 double dwellings have been erected for the miners during the year. The daily capacity is 200 tons. This mine was formerly owned and controlled by the Irish Brothers of Philadalphia. After the death of two of the brothers the property was forced into the hands of receivers. A. F. John and Lewis of Pennsylvania were appointed receivers and a decree was granted by the court for the sale of this property. It was taken over and is now owned by the Preston Coal Co.

A. F. JOHN, *General Manager and Superintendent.*
A. C. POLING, *Mine Foreman.*
WM. MCGINNIS, *Fire Boss.*

PRESTON COUNTY COKE COMPANY.

CASCADE.

No. 344. *Cascade Nos. 1, 2, 3 and 4.—Drift.—Upper Freeport Seam, 4 feet 8 inches thick.*—This mine is located at Cascade, on the M. & K. Railroad. It is operated on the double entry system. Nos. 1 and 3 are ventilated by the same steam driven fan. Numbers 2 and 4 are ventilated by separate fans, electrically driven. Numbers 1 and 3 are mostly pillar work, but numbers 2 and 4 are in solid work, and making developments for future operation. These mines have worked a little every day, in order to keep the organization together but in all it did not amount to more than half time. The output of this mine is used exclusively for coke. There has been no demand for the coke during the last twelve months, and about one-half million tons have been stocked on the coke yards. About 2 feet of coal and bone coal is left up in the rooms, because this runs too high in sulphur to be used for coke; this is taken down in the heading to give sufficient height, and is used for fuel purposes at the mines and mine houses. Drainage is provided by ditches and natural means. The daily capacity is from 800 to 1000 tons. Tipple, bins and Bradford breaker, boiler house, power house, blacksmith shop and general repair shop, 250 coke ovens, 3 large coal larries (for conveying coal from bins to ovens, which is done by electricity) and mine office comprise outside equipment.

EVERHART BIERER, *General Manager and Superintendent.*
CLYDE MARTENEY, *Mine Foreman.*

VIRGINIA MARYLAND COAL CORPORATION.

NEWBURG.

(General Offices, Baltimore, Md.)

No. 345. *Scotch Hill or Newburg Shaft No. 1.—Kittanning Seam.*—This shaft is located on the main line of the B. & O. Railroad at Newburg, and is operated on the triple heading system. The shaft is 365 feet deep and passes through the Upper Freeport seam about 170 feet below the surface. This seam was once operated by the Hamilton Coal & Coke Company, but not profitably, because the seam is low, and the coal is high in sulphur. The Lower Kittanning seam, which is 195 feet below the Freeport seam, runs low in sulphur and makes fine steam coal. Since the Virginia Maryland Coal Corporation has taken this property over they have spent several thousand dollars for improvements. Thousands of yards of concrete walls and arches have been built along the bottom of the shaft to make the roof secure. Steel head houses have been erected over both shafts, and new hoisting cages installed in compliance with the law. A large new Clifford fan was formerly

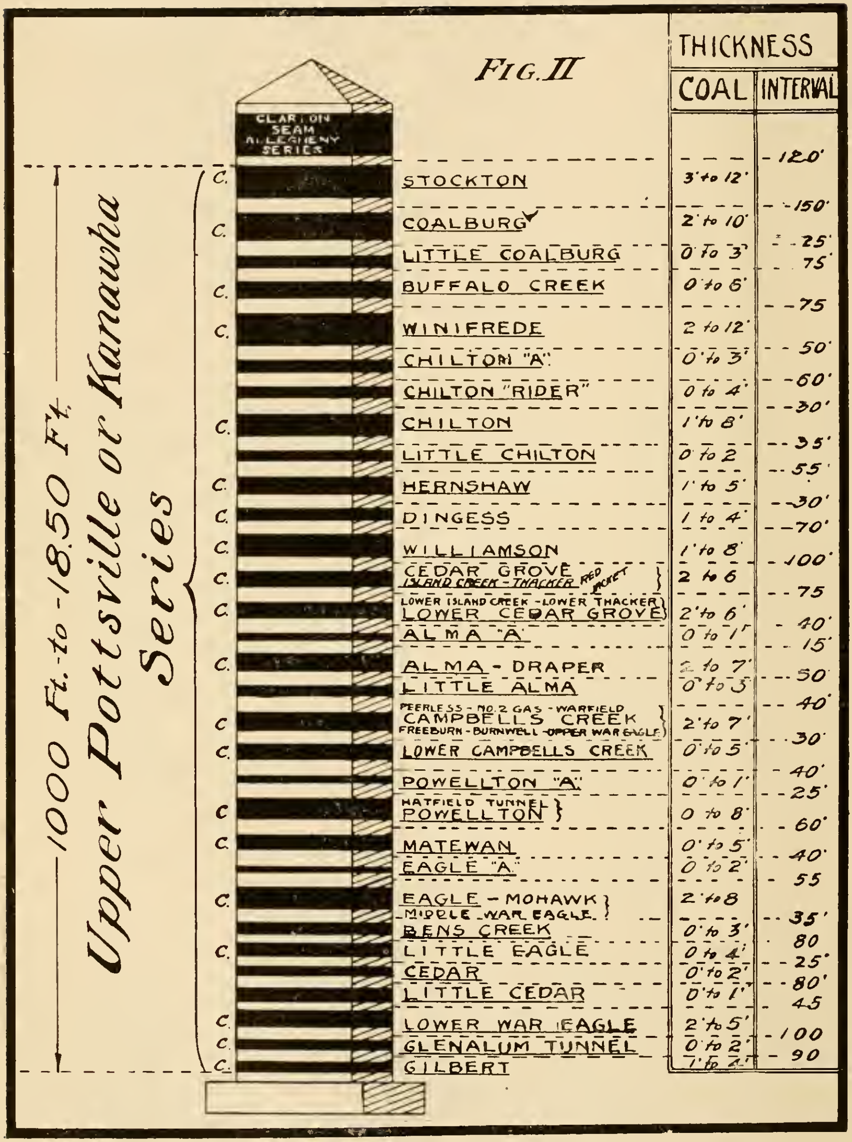


FIG. II

THICKNESS
COAL
INTERVAL
CLARION SEAM ALLEGHENY SERIES
1000 Ft.-to-1850 Ft.
Upper Pottsville or Kanawha Series
C.
- 120'
STOCKTON
3' to 12'
- 150'
COALBURG
2' to 10'
- 25'
LITTLE COALBURG
0' to 3'
75'
BUFFALO CREEK
0' to 6'
- 75
WINIFREDE
2 to 12'
- 50'
CHILTON "A"
0' to 3'
- 60'
CHILTON "RIDER"
0 to 4'
- 30'
CHILTON
1' to 8'
- 35'
LITTLE CHILTON
0 to 2
- 55'
HERNSHAW
1' to 5'
- 30'
DINGESS
1 to 4'
- 70'
WILLIAMSON
1' to 8'
- 100'
CEDAR GROVE
ISLAND CREEK - THACKER
RED JACKET
2 to 6
- 75
LOWER ISLAND CREEK - LOWER THACKER
LOWER CEDAR GROVE
2' to 6'
- 40'
ALMA "A"
0 to 1'
- 15'
ALMA - DRAPER
2 to 7'
- 50
LITTLE ALMA
0' to 3'
- 40'
PEERLESS - NO. 2 GAS - WARFIELD
CAMPBELLS CREEK
FREEBURN - BURNWELL - UPPER WAR EAGLE
2' to 7'
- 30'
LOWER CAMPBELLS CREEK
0' to 5'
- 40'
POWELLTON "A"
0' to 1'
- 25'
HATFIELD TUNNEL
POWELLTON
0 to 8'
- 60'
MATEWAN
0' to 5'
- 40'
EAGLE "A"
0 to 2'
- 55
EAGLE - MOHAWK
MIDDLE WAR EAGLE
2' to 8
- 35'
BENS CREEK
0' to 3'
80
LITTLE EAGLE
0 to 4'
- 25'
CEDAR
0' to 2'
- 80'
LITTLE CEDAR
0' to 1'
45
LOWER WAR EAGLE
2' to 5'
- 100
GLENALUM TUNNEL
0' to 2'
- 90
GILBERT
1' to 4'

installed, but the results were very unsatisfactory. A Robinson fan, which has since been installed, gives very good results. Locked and electric lamps are used for lighting purposes, and safety powder is used exclusively. Fire bosses and shot firers are employed. Gas is liberated in dangerous quantities. The air is distributed through the mines by overcasts, and deflected to the face of the working places by check curtains and lines of brattice to the face of all working places. The roof composed of soapstone, is friable, and requires very close attention. The regular system of timbering has been adopted, and receives close attention from the officials in charge. Water from the working places is pumped into a large sump at the bottom of the shaft, where a big electric pump has been recently installed, which forces the water to the surface. Outside equipment consists of engine and boiler house, blacksmith shop, office, and electric power house which operates pump and furnishes lights for the town. The capacity is 500 tons per day.

IRVING ADAMS, *Manager.* JOHN LENNON, *Mine Foreman.*
L. C. STEVENSON, *Superintendent.* GEORGE MCKAY, *Fire Boss.*

JOHN WILLS.

CORINTH.

(General Offices, Philadelphia, Pa.)

No. 346. *Corinth No. 1.—Drift—Lower Kittanning Seam, 7 feet thick.*—This mine is located at Corinth, on the main line of the B. & O. Railroad. The seam is 7 feet thick, but only 4 feet are being worked because of the poor quality of the remainder of the seam. The mine is operated on the double entry system and ventilated by a steam driven fan. The air is distributed to all parts of the working places by means of check curtains and doors. A part of the coal and bone coal is left up, and this makes a good roof when properly timbered. The timbering is well looked after in this mine. The drainage is natural, and the daily capacity is 150 tons. The outside equipment consists of tipple, mine office and blacksmith shop. The mine has been idle most of the year.

JOHN WILLS, *General Manager.* HOMER KOONTZ, *Mine Foreman.*
W. C. KELLY, *Superintendent.*

TAYLOR COUNTY.

T. B. DAVIS COAL COMPANY.

FLEMINGTON.

(General Offices, Piedmont.)

No. 347. *T. B. Davis No. 2.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located on the Parkersburg branch of the B. & O. Railroad about 10 miles west of Grafton. It is operated on the double entry system and is ventilated by a steam driven fan. The ventilation is distributed to all parts of the mine by means of check curtains and doors. The roof is good for the Pittsburg seam, and a good system of timbering is adopted. Drainage is produced by water cars and pumps. The daily capacity is 300 tons. The gravity plane, rope haulage, tipple, power house and mine office comprise the equipment outside the mine.

WM. HESKITT, *Manager and Superintendent.* WM. DRANER, *Mine Foreman.*

DELMAR COAL COMPANY.

FAIRMONT.

No. 348. *Delmar No. 1.—Drift—Pittsburg Seam, 8 feet thick.*—This is a new mine which has been in operation but a few months. It is operated on the triple heading system and ventilated by a gasoline fan. The ventilation is distributed to the working faces of the mine by means of check curtains and doors. The roof is good and a regular system of timbering is adopted. The mine is drained by ditches. The outside equipment consists of gravity plane, blacksmith shop and tipple. The daily capacity is 150 tons.

CLARENCE ROBINSON, *Manager and Superintendent.* E. P. POPLE, *Mine Foreman.*

GRAFTON COAL & COKE COMPANY.

GRAFTON.

No. 349. *Sand Lick.—Drift—Pittsburg Seam, 8 feet.*—This mine is located on the Parkersburg branch of the B. & O. Railroad near Simpson. The No. 1 opening is all retreating, preparatory to abandonment. Ventilation is produced by natural means. The roof is poor in the majority of places but timbering is well taken care of. The mine is drained by means of ditches and water boxes. The daily capacity is about 150 tons. The tipple, blacksmith shop, and gravity plane comprise the outside equipment.

L. B. BRYDON, *Manager*. JOHN P. MCGRAW, *Mine Foreman.*
ED. FAHEY, *Superintendent.*

GRAFTON COAL & COKE COMPANY.

GRAFTON.

No. 350. *Sand Lick No. 2.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located on the Parkersburg branch of the B. & O. Railroad on the same side of Sand Lick Run as No. 1 opening. The coal from both openings passes over the same tipple. This opening has been in operation about two years, but has not been very profitably operated until recently because a very bad fault was encountered. This has been passed and a fine quality of coal is mined. Ventilation is produced by natural means but a fan will be installed soon. The mine is drained by pumps and ditches. A gravity plane and blacksmith shop comprise the outside equipment. The daily capacity is 250 tons.

L. B. BRYDON, *Manager.* JOHN P. MCGRAW, *Mine Foreman.*
ED. FAHEY, *Superintendent.*

HARRISON COAL COMPANY.

ROSEMONT.

No. 351. *Smith No. 1.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located near Rosemont on the main line of the B. & O. Railroad. It is operated on the double entry system. The ventilation is produced by Gasoline fan and distributed throughout the mine by means of check curtains and doors. The roof abounds in clay veins and requires careful timbering. The regular system of timbering has been adopted and the mine is drained by means of ditches and water boxes. The tipple and gravity plane comprise the outside equipment, but the mine has been idle most of the time during the past year. The daily capacity is about 250 tons.

H. G. SMITH, *Superintendent.* DAVID SMITH, *Mine Foreman.*

MARYLAND COAL COMPANY.

WENDEL.

(General Offices, No. 1 Broadway, New York City.)

No. 352. *Wendel Nos. 1 and 4.—Drift—Pittsburg Seam, 8 feet thick.*—These mines are located on the Wendel branch of the B. & O. Railroad near Simpson. They are operated on the double entry system and ventilation is produced by fans. The air is distributed by means of overcasts and check curtains. The roof is poor in many places but a satisfactory system of timbering has been adopted and is well carried out. The mines are drained by ditches and water boxes. A new steel tipple has been erected and it is used for Nos. 1 and 4 mines. There is also an office and blacksmith shop and a power house which are used for mines No. 1, 2 and 4. The daily capacity is 1800 tons.

DAVID WILLIAMSON, *Manager and Superintendent.* JAMES MURPHY, *Mine Foreman for No. 1.*
DAVID DAVIS, *Mine Foreman for No. 4.*

MARYLAND COAL COMPANY.

WENDEL.

(General Offices, No. 1 Broadway, New York City.)

No. 353. *Wendel No. 2.—Drift—Pittsburg Seam, 8 feet thick.*—This mine is located on the Wendel branch of the B. & O. Railroad on opposite side of Sand Lick Run from Nos. 1 and 4 tipple, and is the greatest producing mine in the district. The daily capacity is 2500 tons. The mine is operated on the panel system and is ventilated by an electrically driven fan. Ventilation is distributed to the working places by means of overcasts and check curtains. The roof is of soap stone nature with 8 inches of draw slate. The latter is taken down in all the working places by the miner. The roof is then timbered by the regular system and is the best in the district. The mine is drained by means of electrical pumps and ditches. All stoppings on the main entry are constructed of concrete. The wood tipple with modern improvements for handling the coal is the outside equipment at this mine.

DAVID WILLIAMSON, *Superintendent and Manager.* WM. STARFORD, *Mine Foreman.*

McGRAW COAL COMPANY.

SIMPSON.

(General Offices, Frostburg, Md.)

No. 354. *New York No. 1.—Drift—Pittsburg Seam, 8 feet thick*—This mine is located on the Parkersburg branch of the B. & O. Railroad about 7 miles west of Grafton. It is operated on the double entry system. The ventilation is produced by a 16-foot fan, electrically driven, and the air is distributed to the working places by means of check curtains and doors. The roof is of a soap stone nature, is poor around clay veins, but a regular system of timbering is strictly adhered to. Drainage is produced by means of pumps and ditches. The mine requires very close attention because of the number of clay veins which give off fire damp. Accumulations of dust are prevented by watering or removing the dust to the outside. The tipple, 600 feet of gravity plane, boiler and power house and blacksmith shop comprise the outside equipment. The daily capacity of the mine is 700 tons.

J. S. BROPHY, *General Manager.* L. T. STURMS, *Mine Foreman.*
JAMES SMITH, *Superintendent.*

PITTSVEIN COAL COMPANY.

FLEMINGTON.

(General Offices, 15 Broad St., New York City.)

No. 355. *Flemington No. 4.—Drift—Pittsburg Seam, 8 feet thick.*—Flemington No. 4 mine is located at Flemington on the main line of the B. & O. Railroad. It is operated on the double entry system, ventilation is produced by a 10-foot fan (electrically driven and distributed to the working places by means of check curtains and doors. This mine has a very bad roof, but it is well taken care of by safety inspectors (four in number). Each inspector looks after the roof in his separate district. Since this practice has been adopted there have been no fatal, and only two non-fatal accidents. This is very remarkable considering the character of the roof. The drainage is provided for by means of pumps and ditches. The daily capacity is 650 tons. The coal is delivered to the railroad cars from the top of the hill by conveyor. Power and boiler house, motor barn, blacksmith and repair shops, motor barn, and mine office comprise the outside equipment.

JOHN DELANEY, *General Manager.* A. B. SPENCER, *Mine Foreman.*
GEORGE S. BRACKETT, *Superintendent.*

ROSEMONT COAL COMPANY.

ROSEMONT.

(General Offices, 727 Land Title Building, Philadelphia, Pa.)

No. 356. *Rosemont No. 1.—Drift.—Pittsburg Seam, 8 feet thick.*—This mine is located at Rosemont, twelve miles west of Grafton on the main line of the B. & O.

Railroad and operated on the Double entry system. Ample ventilation is produced by four disc fans, stationed at places driven to the outside. The ventilation is distributed to the working faces by check curtains and doors. The mine is drained by pumps, ditches and water cars. The roof is bad about the numerous clay veins, and requires careful timbering. The timbering is well kept up by a regular system which has been adopted. A blacksmith shop, tipple, gravity plane, and mine office comprise the outside equipment. The daily capacity is 1200 tons.
J. E. WILKINSON, *General Manager.* JOHN HAMILTON, *Mine Foreman.*
JAMES HAISLIP, *Superintendent.*

STERLING COAL COMPANY.

CECIL.

(General Offices, Cleveland, Ohio.)

No. 357. *Cecil No. 1.—Drift.—Upper Freeport Seam, 5 feet thick.*—This mine is located on the G. & B. branch of the B. & O. Railroad, 7 miles south of Grafton, and is operated on the double entry system. The ventilation is produced by an electric driven fan, and conveyed to the working places by means of check curtains and doors. The roof is good and the timbering is well kept up. The mine is drained by water cars. Boiler and power house, tipple, blacksmith shop and mine office comprise the outside equipment. The daily capacity is about 200 tons, but the mine has been idle much of the time during the past year.
H. D. HILEMAN, *Superintendent and Manager.* M. P. BRADY, *Mine Foreman.*

SUNNYSIDE COAL COMPANY.

INDEPENDENCE.

(General Offices, Grafton.)

No. 358. *Sunnyside.—Drift.—Lower Kittaning Seam.*—This mine is located on the Hardman branch of the B. & O. Railroad and operated on the double entry system. It is ventilated by a steam driven fan. This mine was operated by L. B. Brydon in the first part of the year, but has been abandoned for several months.
L. B. BRYDON, *General Manager.*

WINONA COAL & COKE COMPANY.

GRAFTON.

(General Offices, Ruffs Dale, Pa.)

No. 359. *Winona.—Drift.—Upper Freeport Seam, 4 feet 4 inches thick.*—This mine is located at Coffman, four miles west of Grafton on the Wheeling Division of the B. & O. Railroad. It is operated on the double entry system. Ventilation is produced by fan, and air is conducted to the working faces by means of check curtains and doors. The roof is good in most of the working places, a regular system of timbering has been adopted and is strictly enforced. The mine is drained by means of ditches and pumps. The daily output is about 300 tons, most of which is used for coking purposes. The outside equipment consists of a tipple, Bradford breaker, boiler and power house, 30 coke ovens and twelve new mine dwellings.
S. D. HIXON, *Manager.* JAMES RALSTON, *Mine Foreman.*
M. H. SMITH, *Superintendent.*

UPSHUR COUNTY.

BUCKHANNON RIVER COAL COMPANY.

ADRIAN.

No. 360. *Florence No. 1.—Drift.—Masontown Seam, 5 feet 6 inches thick.*—This mine is located on the Coal & Coke Railroad, 3 miles west of Sago, and is operated on the double entry system. It is ventilated by an electric driven fan, and the air is distributed to the face of the working places by means of overcasts and check curtains. The roof is exceedingly good and very few timbers are needed. The mine is drained by pumps and natural conditions. The outside equipment comprises boiler and power house, tipple, blacksmith shop, a general repair shop, and a mine office. The daily capacity is 1500 tons.

R. J. HUMPHRIES, *General Manager and Superintendent.* WHADE CORLEY, *Mine Foreman.*

BUCKHANNON RIVER COAL & COKE COMPANY.

ADRIAN.

No. 361. *Florence No. 2.—Drift.—Masontown Seam, 5 feet 6 inches thick.*—This mine is located about 3 miles west of Sago, on the Coal & Coke Railroad. It was transferred from the 2nd to the 3rd District on May 29, 1915. No visits have been made by the Inspector since that time for the mine has not been in operation since before the transfer was made.

R. J. HUMPHRIES, *Manager and Superintendent.* WHADE CORLEY, *Mine Foreman.*

NEWCOMER COAL COMPANY.

TETER.

(General Offices, Philippi.)

No. 362. *Newcomer.—Drift.—Redstone Seam, 4 feet 6 inches thick.*—This mine was last operated by H. M. Crawford but only for a short time. It was transferred from the 2nd to the 3rd Mining District on May 29, 1915, but has not been in operation since the transfer was made. The mine is located 7 miles northeast of Buckhannon, on the Buckhannon Branch off the G. & B. Railroad.

F. O. BLUE, *Formerly General Manager.* J. M. JEFFRIES, *Formerly Mine Foreman.*
H. M. CRAWFORD, *Formerly Superintendent.*

REDROCK FUEL COMPANY.

REDROCK.

(General Offices, Fairmont.)

No. 363. *Redrock, No. 1.—Drift.—Redstone Seam, 4 feet 6 inches thick.*—This mine is located about 3 miles west of Buckhannon on the Buckhannon and Weston branch of the B. & O. Railroad. This mine was transferred from the 2nd to the 3rd Mining District on May 29, 1915. It has not been in operation since the transfer, and therefore has not been visited by the Inspector.

GEO. DEBOLT, *Manager.* WM. REPPERT, *Mine Foreman.*
H. T. REPPERT, *Superintendent.*

REDROCK FUEL COMPANY.

REDROCK.

(General Offices, Fairmont.)

No. 364. *Redrock No. 2.—Drift.—Redstone Seam, 4 feet 6 inches thick.*—This mine is located 3 miles west of Buckhannon on the Buckhannon and Weston branch off the B. & O. Railroad. It is operated on the double entry system and ventilated by an electric driven fan. The air is distributed to the working places by means of check curtains and doors. The roof is good, except for the encountering of clay veins, but the timbering is well kept up. The mine is drained by pumps and ditches. The outside equipment consists of boiler and power house, blacksmith shop, twin tipple (for No. 1 and No. 2 mines) and mine office. The daily capacity is 300 tons.

GEORGE DEBOLT, *General Manager.* WM. REPPERT, *Mine Foreman.*
H. T. REPPERT, *Superintendent.*

FOURTH DISTRICT.

GENERAL SUMMARY FOR THE FOURTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Barbour... (Part)	3	....	200	......	......	54	254	24	13	37	291	180,368	16,128
Grant.....	3	....	62	69	10	36	177	35	......	35	212	165,121	....
Mineral...	18	2	650	120	9	116	895	118	......	118	1,013	556,350	....
Randolph (Part)	10	1	269	140	16	85	510	77	41	118	628	550,108	67,381
Tucker....	17	8	1,058	......	......	364	1,422	158	11	169	1,591	1,453,752	7,763
Totals..	51	11	2,239	329	35	655	3,258	412	65	477	3,735	2,905,699	91.272

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE FOURTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
BARBOUR COUNTY			
Davis Coal & Coke Co	Weaver No. 3	9-25-14	W. B. Plaster
Davis Coal & Coke Co	Dartmoor No. 4	10-21-14	W. B. Plaster
Davis Coal & Coke Co	Dartmoor No. 4	4- 5-15	W. B. Plaster
Davis Colliery Co	Junior No. 4	10-20-14	W. B. Plaster
Gage Coal & Coke Co	Sarah	10-20-14	W. B. Plaster
Gage Coal & Coke Co	Sarah	4- 2-15	W. B. Plaster
Green, W. H	Williette	10- 1-14	W. B. Plaster
Green, W. H	Williette	12- 4-14	W. B. Plaster
Green, W. H	Williette	3- 5-15	W. B. Plaster
Green, W. H	Williette	4-22-15	W. B. Plaster
Green, W. H	Williette	6-21-15	W. B. Plaster
GRANT COUNTY			
Buffalo Creek Cumberland Coal Co	No. 1	7-21-14	W. B. Plaster
Buffalo Creek Cumberland Coal Co	No. 1	10-23-14	W. B. Plaster
Buffalo Creek Cumberland Coal Co	No. 1	1- 8-15	W. B. Plaster
Buffalo Creek Cumberland Coal Co	No. 1	5-21-15	W. B. Plaster
Davis Coal & Coke Co	No. 22	7-22-14	W. B. Plaster
Davis Coal & Coke Co	No. 22	7-23-14	W. B. Plaster
Davis Coal & Coke Co	No. 22	7-24-14	W. B. Plaster
Davis Coal & Coke Co	No. 22	2-24-15	W. B. Plaster
Davis Coal & Coke Co	No. 22	2-25-15	W. B. Plaster
Davis Coal & Coke Co	No. 33	6- 8-15	W. B. Plaster
Davis Coal & Coke Co	No. 22	6- 9-15	W. B. Plaster
Davis Coal & Coke Co	No. 22	6-10-15	W. B. Plaster
Jordon, S. N	Cottage Street	7-21-14	W. B. Plaster
Jordon, S. N	Cottage Street	1- 9-15	W. B. Plaster
Jordon, S. N	Cottage Street	5-20-15	W. B. Plaster
MINERAL COUNTY			
Abrams Creek Coal & Coke Co	No. 1	7-13-14	W. B. Plaster
Abrams Creek Coal & Coke Co	No. 1	7-14-14	W. B. Plaster
Abrams Creek Coal & Coke Co	No. 1	7-15-14	W. B. Plaster
Abrams Creek Coal & Coke Co	No. 1	11-17-14	W. B. Plaster
Abrams Creek Coal & Coke Co	No. 1	3-25-15	W. B. Plaster
Abrams Creek Coal & Coke Co	No. 1	3-26-15	W. B. Plaster
Big Vein Coal Co	Big Vein-4 Ft	7- 9-14	W. B. Plaster
Big Vein Coal Co	Big Vein No. 3	11- 5-14	W. B. Plaster
Big Vein Coal Co	Big Vein 4 Ft	12-15-14	W. B. Plaster
Big Vein Coal Co	Big Vein No. 3	5- 6-15	W. B. Plaster
Carroll Cross Coal Co	Black Diamond No. 3	7- 3-14	W. B. Plaster
Carroll Cross Coal Co	Imperial	7- 3-14	W. B. Plaster
Carroll Cross Coal Co	Black Diamond	11-11-14	W. B. Plaster
Carroll Cross Coal Co	Imperial	11-11-14	W. B. Plaster
Carroll Cross Coal Co	Black Diamond	4- 8-15	W. B. Plaster
Carroll Cross Coal Co	Imperial	4- 8-15	W. B. Plaster
Davis Coal & Coke Co	No. 14	7- 2-14	W. B. Plaster
Davis Coal & Coke Co	No. 6	7- 8-14	W. B. Plaster
Davis Coal & Coke Co	No. 1	11- 2-14	W. B. Plaster
Davis Coal & Coke Co	No. 6	11- 2-14	W. B. Plaster
Davis Coal & Coke Co	No. 20	11-12-14	W. B. Plaster
Davis Coal & Coke Co	No. 14	11-19-14	W. B. Plaster
Davis Coal & Coke Co	No. 14	11-20-14	W. B. Plaster
Davis Coal & Coke Co	No. 20	1- 6-15	W. B. Plaster
Davis Coal & Coke Co	No. 1	1- 7-15	W. B. Plaster
Davis Coal & Coke Co	No. 6	1- 7-15	W. B. Plaster
Davis Coal & Coke Co	No. 19	1-20-15	W. B. Plaster
Davis Coal & Coke Co	No. 51	1-21-15	W. B. Plaster
Davis Coal & Coke Co	No. 50	1-22-15	W. B. Plaster
Davis Coal & Coke Co	No. 6	3-23-15	W. B. Plaster
Davis Coal & Coke Co	No. 14	3-24-15	W. B. Plaster
Davis Coal & Coke Co	No. 50	4-30-15	W. B. Plaster
Davis Coal & Coke Co	No. 51	5- 4-15	W. B. Plaster
Davis Coal & Coke Co	No. 19	5- 4-15	W. B. Plaster
Davis Coal & Coke Co	No. 19	5- 5-15	W. B. Plaster
Glade Run Coal & Coke Co	Sarah No. 2	7-17-14	W. B. Plaster
Glade Run Coal & Coke Co	Sarah No. 2	11-10-14	W. B. Plaster
Gleason Coal & Coke Co	Nos. 2 & 3	7- 1-14	W. B. Plaster
Gleason Coal & Cokee Co	Nos. 2 & 3	11- 6-14	W. B. Plaster
Gleason Coal & Coke Co	No. 2	4- 9-15	W. B. Plaster
Hamill Coal & Coke Co	Smith No. 2	11-20-14	W. B. Plaster
Harris O. D. & Sons	Harris	11-17-14	W. B. Plaster

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MINERAL CO.—Continued			
Mastellar Coal Co.	Hampshire No. 1	10-27-14	W. B. Plaster
Mastellar Coal Co.	Hampshire No. 2	10-27-14	W. B. Plaster
Mastellar Coal Co.	Hampshire No. 3	10-27-14	W. B. Plaster
Mastellar Coal Co.	New Creek	10-18-14	W. B. Plaster
Mastellar Coal Co.	New Creek	4-27-15	W. B. Plaster
Mastellar Coal Co.	Pinnacle No. 1	4-28-15	W. B. Plaster
Mastellar Coal Co.	Pinnacle No. 3	4-28-15	W. B. Plaster
Mastellar Coal Co.	Pinnacle No. 2	4-29-15	W. B. Plaster
Western Maryland Coal Co.	No. 2	10-30-14	W. B. Plaster
Western Maryland Coal Co.	No. 2	3-23-15	W. B. Plaster
Western Maryland Coal Co.	No. 2	5- 7-15	W. B. Plaster
RANDOLPH COUNTY.			
Brady Coal Co. (Witt & Wilmouth Rec.)	Klondyke	4-14-15	W. B. Plaster
Davis Coal & Coke Co.	No. 1	9-25-14	W. B. Plaster
Davis Coal & Coke Co.	Nos. 2 & 2 1-2	10- 5-14	W. B. Plaster
Davis Coal & Coke Co.	No. 1	12- 4-14	W. B. Plaster
Davis Coal & Coke Co.	No. 1	3- 5-15	W. B. Plaster
Davis Coal & Coke Co.	Nos. 2 & 2 1-2	4-21-15	W. B. Plaster
Davis Coal & Coke Co.	Nos. 2 & 2 1-2	4-22-15	W. B. Plaster
Davis Coal & Coke Co.	No. 1	4-23-15	W. B. Plaster
Davis Coal & Coke Co.	No. 1	6-21-15	W. B. Plaster
Davis Coal & Coke Co.	Nos. 2 & 2 1-2	6-28-15	W. B. Plaster
Davis Colliery Co.	Sivad Nos. 1, 2, 3	9- 8-14	W. B. Plaster
Davis Colliery Co.	Sivad No. 5	9- 8-14	W. B. Plaster
Davis Colliery Co.	Harding No. 3 & 4	10- 6-14	W. B. Plaster
Davis Colliery Co.	Harding No. 1 East	10- 6-14	W. B. Plaster
Davis Colliery Co.	Harding No. 1 East	10- 7-14	W. B. Plaster
Davis Colliery Co.	Coalton No. 3	10- 9-14	W. B. Plaster
Davis Colliery Co.	Coalton No. 1	10- 9-14	W. B. Plaster
Davis Colliery Co.	Coalton No. 1	10-19-14	W. B. Plaster
Davis Colliery Co.	Harding No. 3	1-29-15	W. B. Plaster
Davis Colliery Co.	Harding No. 4	1-29-15	W. B. Plaster
Davis Colliery Co.	Sivad No. 5	1-29-15	W. B. Plaster
Davis Colliery Co.	Harding No. 4	3-29-15	W. B. Plaster
Davis Colliery Co.	Coaling Station	3-29-15	W. B. Plaster
Davis Colliery Co.	Harding	3-29-15	W. B. Plaster
Davis Colliery Co.	Harding No. 1 East	4-16-15	W. B. Plaster
Davis Colliery Co.	Coalton No. 1	4-19-15	W. B. Plaster
Davis Colliery Co.	Coalton No. 1	4-20-15	W. B. Plaster
Davis Colliery Co.	Coalton No. 3	4-20-15	W. B. Plaster
Davis Colliery Co.	Harding No. 3	6-19-15	W. B. Plaster
Davis Colliery Co.	Harding No. 4	6-19-15	W. B. Plaster
Davis Colliery Co.	Harding No. 1	6-29-15	W. B. Plaster
Green W. H.	Leroy	10- 8-14	W. B. Plaster
Green W. H.	Leroy	4-20-15	W. B. Plaster
Humphreys A. N.	Klondike	8-11-14	W. B. Plaster
Humphreys A. N.	Klondike	10- 8-14	W. B. Plaster
Jenkins J. B. C. & C. Co.	Ariana	8-11-14	W. B. Plaster
Jenkins J. B. C. & C. Co.	Ariana	10- 8-14	W. B. Plaster
Jenkins J. B. C. & C. Co.	Ariana	11-27-14	W. B. Plaster
Jenkins J. B. C. & C. Co.	Ariana	4-14-15	W. B. Plaster
West Va. Coal Sales Co.	Leroy	11-27-14	W. B. Plaster
TUCKER COUNTY			
Cooper J. Calvin	Cooper	9-24-14	W. B. Plaster
Cooper J. Calvin	Cooper	12-11-14	W. B. Plaster
Cooper J. Calvin	Cooper	12-31-14	W. B. Plaster
Cooper J. Calvin	Cooper	2-19-15	W. B. Plaster
Cooper J. Calvin	Cooper	6- 3-15	W. B. Plaster
Cumberland Coal Co.	Douglas No. 2	9-21-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 1	9-22-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 6	9-22-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 2	11-25-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 6	11-25-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 1	12-30-14	W. B. Plaster
Cumberland Coal Co.	Douglas No. 6	1- 5-15	W. B. Plaster
Cumberland Coal Co.	Douglas No. 2	1-26-15	W. B. Plaster
Cumberland Coal Co.	Douglas No. 2	5-19-15	W. B. Plaster
Cumberland Coal Co.	Douglas No. 6	5-19-15	W. B. Plaster
Cumberland Coal Co.	Douglas No. 1	6- 4-15	W. B. Plaster
Davis Coal & Coke Co.	No. 25	8- 6-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	8- 7-14	W. B. Plaster
Davis Coal & Coke Co.	Pendleton Run	8- 8-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	8- 9-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	8-13-14	W. B. Plaster

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
TUCKER CO.—Continued			
Davis Coal & Coke Co.	No. 24	8-14-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	8-14-14	W. B. Plaster
Davis Coal & Coke Co.	No. 40	8-18-14	W. B. Plaster
Davis Coal & Coke Co.	No. 40	8-19-14	W. B. Plaster
Davis Coal & Coke Co.	No. 43	8-19-14	W. B. Plaster
Davis Coal & Coke Co.	No. 39	8-20-14	W. B. Plaster
Davis Coal & Coke Co.	Coketon No. 26	8-21-14	W. B. Plaster
Davis Coal & Coke Co.	Coketon No. 27	8-21-14	W. B. Plaster
Davis Coal & Coke Co.	No. 38	8-28-14	W. B. Plaster
Davis Coal & Coke Co.	No. 38	8-29-14	W. B. Plaster
Davis Coal & Coke Co.	No. 26	8-29-14	W. B. Plaster
Davis Coal & Coke Co.	No. 27	8-29-14	W. B. Plaster
Davis Coal & Coke Co.	No. 37	9- 3-14	W. B. Plaster
Davis Coal & Coke Co.	No. 35	9- 4-14	W. B. Plaster
Davis Coal & Coke Co.	No. 37	9- 4-14	W. B. Plaster
Davis Coal & Coke Co.	No. 37	9- 9-14	F. E. Parsons
Davis Coal & Coke Co.	No. 37	9- 9-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	9-10-14	W. B. Plaster
Davis Coal & Coke Co.	No. 37	9-10-14	F. E. Parsons
Davis Coal & Coke Co.	No. 37	9-10-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	9-10-14	F. E. Parsons
Davis Coal & Coke Co.	No. 37	9-23-14	W. B. Plaster
Davis Coal & Coke Co.	Francis No. 41	9-24-14	W. B. Plaster
Davis Coal & Coke Co.	No. 36	9-29-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	11- 9-14	W. B. Plaster
Davis Coal & Coke Co.	No. 24	11-23-14	W. B. Plaster
Davis Coal & Coke Co.	No. 34	11-24-14	W. B. Plaster
Davis Coal & Coke Co.	No. 35	11-24-14	W. B. Plaster
Davis Coal & Coke Co.	No. 26	11-24-14	W. B. Plaster
Davis Coal & Coke Co.	No. 26½	11-24-14	W. B. Plaster
Davis Coal & Coke Co.	No. 27	11-24-24	W. B. Plaster
Davis Coal & Coke Co.	Pendleton Run	11-30-14	W. B. Plaster
Davis Coal & Coke Co.	No. 43	12- 1-14	W. B. Plaster
Davis Coal & Coke Co.	No. 40	12- 1-14	W. B. Plaster
Davis Coal & Coke Co.	No. 40	12- 2-14	W. B. Plaster
Davis Coal & Coke Co.	No. 39	12- 3-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	12- 8-14	W. B. Plaster
Davis Coal & Coke Co.	No. 25	12- 9-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	12- 9-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	12-10-14	W. B. Plaster
Davis Coal & Coke Co.	No. 41	12-11-14	W. B. Plaster
Davis Coal & Coke Co.	No. 24	12-16-14	W. B. Plaster
Davis Coal & Coke Co.	No. 43	12-17-14	W. B. Plaster
Davis Coal & Coke Co.	No. 37	12-18-14	W. B. Plaster
Davis Coal & Coke Co.	No. 39	12-22-14	W. B. Plaster
Davis Coal & Coke Co.	No. 38	12-23-14	W. B. Plaster
Davis Coal & Coke Co.	No. 34	12-28-14	W. B. Plaster
Davis Coal & Coke Co.	No. 35	12-28-14	W. B. Plaster
Davis Coal & Coke Co.	No. 38	12-29-14	W. B. Plaster
Davis Coal & Coke Co.	No. 41	12-31-14	W. B. Plaster
Davis Coal & Coke Co.	No. 23	12-31-14	W. B. Plaster
Davis Coal & Coke Co.	No. 40	1-13-15	W. B. Plaster
Davis Coal & Coke Co.	No. 25	1-14-15	W. B. Plaster
Davis Coal & Coke Co.	No. 34	1-15-15	W. B. Plaster
Davis Coal & Coke Co.	No. 35	1-15-15	W. B. Plaster
Davis Coal & Coke Co.	No. 26	1-19-15	W. B. Plaster
Davis Coal & Coke Co.	No. 27	1-19-15	W. B. Plaster
Davis Coal & Coke Co.	No. 41	1-26-15	W. B. Plaster
Davis Coal & Coke Co.	No. 24	1-27-15	W. B. Plaster
Davis Coal & Coke Co.	Pendleton Run	1-28-15	W. B. Plaster
Davis Coal & Coke Co.	No. 37	2- 2-15	W. B. Plaster
Davis Coal & Coke Co.	No. 36	2- 3-15	W. B. Plaster
Davis Coal & Coke Co.	No. 36	2- 4-15	W. B. Plaster
Davis Coal & Coke Co.	No. 34	2- 5-15	W. B. Plaster
Davis Coal & Coke Co.	Pendleton Run	2- 8-15	W. B. Plaster
Davis Coal & Coke Co.	No. 23	2- 9-15	W. B. Plaster
Davis Coal & Coke Co.	No. 23	2-10-15	W. B. Plaster
Davis Coal & Coke Co.	No. 25	2-10-15	W. B. Plaster
Davis Coal & Coke Co.	No. 35	2-11-15	W. B. Plaster
Davis Coal & Coke Co.	No. 39	2-12-15	W. B. Plaster
Davis Coal & Coke Co.	No. 38	2-16-15	W. B. Plaster
Davis Coal & Coke Co.	No. 38	2-17-15	W. B. Plaster
Davis Coal & Coke Co.	No. 35	2-18-15	W. B. Plaster
Davis Coal & Coke Co.	No. 41	2-19-15	W. B. Plaster
Davis Coal & Coke Co.	No. 37	2-23-15	W. B. Plaster
Davis Coal & Coke Co.	No. 24	2-26-15	W. B. Plaster

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
TUCKER CO.—Continued			
Davis Coal & Coke Co	No. 26	3- 1-15	W. B. Plaster
Davis Coal & Coke Co	No. 27	3- 1-15	W. B. Plaster
Davis Coal & Coke Co	No. 38	3- 2-15	W. B. Plaster
Davis Coal & Coke Co	No. 43	3- 3-15	W. B. Plaster
Davis Coal & Coke Co	No. 40	3- 3-15	W. B. Plaster
Davis Coal & Coke Co	No. 40	3- 4-15	W. B. Plaster
Davis Coal & Coke Co	No. 34	3- 8-15	W. B. Plaster
Davis Coal & Coke Co	No. 25	3- 9-15	W. B. Plaster
Davis Coal & Coke Co	No. 25	3-10-15	W. B. Plaster
Davis Coal & Coke Co	No. 23	3-10-15	W. B. Plaster
Davis Coal & Coke Co	No. 23	3-11-15	W. B. Plaster
Davis Coal & Coke Co	Pendleton Run	3-12-15	W. B. Plaster
Davis Coal & Coke Co	No. 34	3-16-15	W. B. Plaster
Davis Coal & Coke Co	No. 37	3-17-15	W. B. Plaster
Davis Coal & Coke Co	No. 24	3-18-15	W. B. Plaster
Davis Coal & Coke Co	No. 25	3-18-15	W. B. Plaster
Davis Coal & Coke Co	No. 26	3-19-15	W. B. Plaster
Davis Coal & Coke Co	No. 27	3-19-15	W. B. Plaster
Davis Coal & Coke Co	No. 35	3-19-15	W. B. Plaster
Davis Coal & Coke Co	No. 35	3-30-15	W. B. Plaster
Davis Coal & Coke Co	No. 39	3-31-15	W. B. Plaster
Davis Coal & Coke Co	No. 43	5-11-15	W. B. Plaster
Davis Coal & Coke Co	No. 40	5-11-15	W. B. Plaster
Davis Coal & Coke Co	No. 40	5-12-15	W. B. Plaster
Davis Coal & Coke Co	No. 39	5-13-15	W. B. Plaster
Davis Coal & Coke Co	No. 39	5-14-15	W. B. Plaster
Davis Coal & Coke Co	No. 24	5-17-15	W. B. Plaster
Davis Coal & Coke Co	No. 34	5-18-15	W. B. Plaster
Davis Coal & Coke Co	No. 35	5-18-15	W. B. Plaster
Davis Coal & Coke Co	No. 25	5-24-15	W. B. Plaster
Davis Coal & Coke Co	No. 25	5-25-15	W. B. Plaster
Davis Coal & Coke Co	No. 23	5-25-15	W. B. Plaster
Davis Coal & Coke Co	No. 23	5-26-15	W. B. Plaster
Davis Coal & Coke Co	Pendleton Run	5-27-15	W. B. Plaster
Davis Coal & Coke Co	No. 26	6- 1-15	W. B. Plaster
Davis Coal & Coke Co	No. 27	6- 1-15	W. B. Plaster
Davis Coal & Coke Co	No. 37	6- 2-15	W. B. Plaster
Davis Coal & Coke Co	No. 41	6- 3-15	W. B. Plaster
Davis Coal & Coke Co	Pendleton Run	6-11-15	W. B. Plaster
Davis Coal & Coke Co	No. 36	6-15-15	W. B. Plsater
Davis Coal & Coke Co	No. 36	6-16-15	W. B. Plaster
Davis Coal & Coke Co	No. 38	6-18-15	W. B. Plaster

INSPECTOR'S REPORT.

LOGAN, W. VA., October 2, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I hereby tender my annual report as Inspector of the Fourth Mining District for the year ending June 30, 1915. Where not otherwise specifically stated, the coal is being mined with picks, as hand methods are in use at most all the mines in this district. Unless it is noted that permissable powder is in use, black powder is the explosive used by the miner. All fan houses constructed of noncombustible material before date of this writing are noted, and work was in progress to comply with this requirement by all companies having wooden fan houses on that date.

As may be supposed, the greatest improvement during the past year has been made by the Davis Coal and Coke Company, as this one company operated about half the mines in this district. A few of their old mines, gone beyond redemption, have been permanently abandoned. The old ones that it has been thought wise to continue in operation have been constantly improved, and the new mines placed in condition to compare very favorably with the best mines anywhere to be found. Permissable powder is in use at all their mines, where solid shooting is necessary to win the coal; electric batteries being used to fire all shots in such mines, shot inspectors being employed where gas is liberated. No black powder is in use where roof conditions are bad, as it has been found that black powder has a tendency to shatter the roof, and many accidents, due to roof fall, have been traced directly to the fracturing of the top strata by badly placed shots charged with black powder. Dynamite is not used for any purposes inside the mines operated by this Company.

Great as has been the improvement inside, yet still greater reforms are noticeable around the plants outside. New fans have been installed at some of the mines; a new steel head frame, and two engine houses constructed; the rotten timber removed from the mine entrances, and stone and concrete pit mouths substituted at several mines. The large central power house building, at Thomas, has been rebuilt and made entirely fire-proof. Car-loads of old scrap iron gathered up and sold; all old unused buildings torn down and removed, or burned up, and all other kind of debris from about the mines thoroughly cleaned up. Also the first up-to-the-minute plant, for the cleaning and preparation of coal, used in this district, was installed at Henry, during the past year.

While special mention has been given this particular company, on account of its size and magnitude of work accomplished, I do not expect to leave unmentioned the great advancement made during the year by the other coal companies operating in this field. They have all done well, and only lack of space prevents my giving many of them special mention, nor would a report of this kind be complete if the miners and other good citizens of the District did not receive my thanks for the lively interest they have always manifested in my working wellfare. I take this opportunity to thank them all, and to request them publicly to give my successor (as I am now laboring in another field) the loyal support they have always given me.

To yourself, as Chief of this Department, I desire to express my sincere thanks and deep appreciation for the valuable advice and active support you have given me since you have been Chief of this Department. No great measure of good can be accomplished by any Inspector without the active support of his Chief, and I cannot write of such great changes for good without saying these words in commendation of your own great success, as Chief of the West Virginia Department of Mines.

Very truly yours,

W. B. PLASTER,
Mine Inspector Fourth District.

MINES IDLE ALL DURING THE YEAR.

Randolph County.—Lighter.

Tucker County.—Beacon Coal and Coke Company; Gatzmer Coal and Coke Company.

Mineral County.—Kittaning No. 15; Kittaning No. 16; Ajax Mine; Brickyard Mine; Virginia No. 2.

Berkeley County.—Short Mountain Anthracite mine.

Of these mines we think it extremely doubtful if Kittaning No. 15 and No. 16, or the Short Mountain Anthracite mine, will ever again resume operations. The Leroy mines, in Randolph County, were worked out and for the present at least abandoned, during the year.

NOTE:—In addition to all mines reported, there are a matter of about twelve sand mines located in this district. But although normally under this department, I have not been able to find time to visit them, and they have been omitted from the report.

BARBOUR COUNTY.

DAVIS COAL & COKE COMPANY.

DARTMOOR.

No. 401. *Dartmoor.*—This is a very large drift mine, opened up on the double and triple entry system. Developments being in the Lower Kittanning coal, which is found at this point to have an average thickness of 5½ feet, having a very frail roof condition, requiring close and careful attention as to timbering. All the working faces are cross-timbered every 3 feet. The ventilation was not found as expected, as the ventilating machine, of a rather obsolete type, was not capable of setting in motion sufficient air to properly ventilate such a large mine, especially where all blasting was done with black powder. I recommended a more efficient ventilating machine and the Company readily agreed to secure a new fan. Mine is situated three mlies from Belington on the Western Maryland Railroad. Drainage is good. General safety always found good. Electric motors are in use, to gather part of the coal, and deliver it to the outside. The management intends to dispense with mules entirely, and to use motors exclusively, for handling the coal. With the present developments and a full force of men, this mine is capable of producing 1,000 tons, or more, per day.

R. P. MALONEY, *Genl. Superintendent.* GEORGE ADAMS, *Mine Foreman.*
H. H. HARRISON, *Superintendent.*

DAVIS COAL & COKE COMPANY.

WEAVER.

No. 402. *Weaver No. 2.*—This is a drift mine located on the Weaver Branch of the Western Maryland R. R., five miles from Belington. Developments are in the Lower Kittanning Coal, which has an average height of 6 feet, only the two plies being mined, the upper seam being faulty, but provides for an excellent roof condition, requiring very little timbering. The drainage is good. Ventilation, which was by fan, always found good. During the last few months the only coal mined at this plant was at a small opening to recover coal left when the old mine was pillared back. Natural ventilation being used at this place. The mine has an average capacity of about 50 tons per day, under normal conditions. This last development was finished, and at the present writing the management was preparing to reopen still another area to be dumped over the old No. 3 tipple.

R. P. MALONEY, *Genl. Superintendent.* JACK CORLEY, *Contractor and Mine Foreman.*
H. H. HARRISON, *Superintendent.*

DAVIS COLLIERY COMPANY.

JUNIOR.

No. 403. *Junior.*—This is a small slope mine, operating in the Lower Kittanning Seam, which has an average thickness of about 5 feet, with a very frail top, which requires close and careful attention as to the timbering. The ventilating current is set in motion by a 12-foot steam fan, which is a very efficient ventilating machine. Drainage is generally good, and general safety is generally good. The principal part of the coal produced by this mine was formerly used to coal the engines on the West Virginia Central R. R., now the Western Maryland—mine being located four miles from Belington on the last named road. A number of coke ovens and a coal crusher have been built at this mine but used very little of late, the mine being idle most of the time during the last year. Mine has a capacity of about 300 tons per day.

J. W. BISCHOFF, *Genl. Superintendent.* W. S. WILSON, *Superintendent and Mine Foreman.*

GAGE COAL & COKE COMPANY.

JUNIOR.

No. 404. *Sarah.*—This is a drift mine, located five miles from Belington, on the Western Maryland Railroad. Developments are in the Lower Kittanning coal, the mine being laid out on the double and triple entry system. The coal has an average height of about 5 feet and is mined in part by machines, and hand.—the roof condition making it unwise to mine with machines in all parts of the mine. The timbering is generally well looked after, and ventilation is also good, the current being set in motion by a steam exhaust fan. With the present developments and a full force of men this mine is capable of producing about 400 tons per day.

C. W. SHOMO, *Superintendent.* HOMER HASKINS, *Asst. Superintendent. and Mine Foreman.*

GRANT COUNTY.

BUFFALO CREEK CUMBERLAND COAL COMPANY.

BAYARD.

No. 405. *Buffalo Creek No. 1.*—This mine is located at Bayard, fifteen miles from Thomas, on the Western Maryland R. R. and reached by a spur track two miles in length, built up Buffalo Creek. It is a drift operation, developments being in the Lower Kittanning Seam ; with the workings laid out on the triple and double entry system. The coal has an average thickness of about 7 feet including slate and bone coal binders. As the workings are advanced the character of the roof is changing for worse, becoming more and more slaty, requiring and receiving careful attention as to timbering from both miners and company men. Drainage is generally good. The ventilating current is set in motion by a 15 foot Crawford-McCrimmon steam exhaust fan, and has always been found good. The capacity of this mine is about 500 tons per day; and this output could not be greatly increased under present conditions. Considering all the difficulties of operation this mine may be safely classed as one that is capably managed. Although in operation about twelve years they have never had a fatal accident and but a very few that can be classified as serious.

RICHARD WADDELL, *Superintendent and Mine Foreman.*

DAVIS COAL & COKE COMPANY.

HENRY.

No. 406. *Henry Nos. 22 and 33.*—Henry No. 33 is an opening in the Kittanning Seam, made by a shaft 400 feet deep. It has been idle for several years and the water was allowed to fill up from the bottom of the Freeport coal 200 feet above. This water was pumped out recently. The mine was once inspected by me, the Company having asked for it, and received permission to mine two steel hoppers of coal to use as boiler test. At this writing but little more has been done in this mine and we are unable to say whether it will ever again be operated. Henry No. 22 is a very large mine, development being in the Upper Freeport coal, which is opened by this same shaft already referred to. The coal varies in height from 40 inches to 5 feet, with an overlying ply of bone of rather low grade coal. The former management has always been unable to utilize this top coal for any commercial purposes. At present it is being used in boilers and gives excellent results as a steam producing fuel. The future of this mine to a great extent, in my judgment, depends upon the successful handling of this top coal, and at this writing the management is preparing to place it on the market. The coal is mined by electric machines of the continuous cutter type, and until recently by compressed air machines of the puncher type. Where one system of power is used to cut the coal, and another to haul it, it must of necessity increase the expense, and on date of last examination there was evidence of a very great betterment in conditions at this mine. The ventilating current set in motion by a 13½ ft. steel encased Clifford Cappel, steam driven force fan, was found generally good. Drainage is good in most all parts of the mine; roof condition varies from sand rock to soft slate and requires careful attention as to timbering in a number of places. Explosive gases are liberated in most of the workings, but not in very large quantities. Permissible powder is used exclusively to blast the coal. These mines are located eleven miles from Thomas, on the Western Maryland R. R. No. 22 is at present producing about 500 tons per day. At the present rate of improvement this capacity will be very greatly increased.

R. P. MALONEY, *General Superintendent.*
J. B. MCCLURE, *Superintendent.*

JOSEPH TOWSEN, *Mine Foreman.*
MICHAEL MORRIS, *Fire Boss.*
ALBERT TOMIKO, *Fire Boss.*

S. H. JORDAN.

BAYARD.

No. 407. *Cottage Street.*—This is a small drift mine, located at Bayard, fifteen miles from Thomas, on the Western Maryland R. R. Developments are in the Upper Freeport coal, the mine being laid out on the double entry system. The seam varies in height from 3 to 6 feet, with two bone partings. The coal is extremely faulty, and it is only by the most rigid economy that the owners are able to operate successfully. The roof conditions are generally good, not requiring much timbering. The drainage is generally good, the mine being looked after in a rather skilful manner. Only about fifty to one hundred tons of coal per day, which is about all the mine is capable of producing, is produced.

S. H. JORDAN, *Superintendent.*

J. H. JORDAN, *Mine Foreman.*

MINERAL COUNTY.

ABRAM'S CREEK COAL & COKE COMPANY.

OAKMONT.

No. 408. *Oakmont No. 1.*—This is a drift mine, operating the Freeport coal, on the double entry and panel system. It is located three miles from Harrison, on the Elk Garden Branch of the Western Maryland R. R. The coal is reached by a 300 ft. incline, and a seam is being mined that has a very regular thickness of about 5 feet, in all the working places. In fact, this may safely be said to be the most regular deposit of high grade Freeport Coal now being operated in Mineral County. The roof is exceedingly good, but a regular system of timbering that is ample for their needs has been adopted, and was being well carried out on date of last inspection. The drainage and ventilation is good. The air current is set in motion by an 8 foot Stone encased electrically driven Stein force fan. To keep down accumulations of coal dust a 30 horse power steam boiler has been placed at the mine mouth and steam is introduced into the intake airway every month in the year. The coal is gathered by dry-cell battery motors and hauled to the outside by a large electric haulage motor. The coal is mined by electric chain machines, having but few pick men employed. At this writing, this mine was not being operated very extensively, but with the present development and a full force of men it will be capable of producing about 600 tons a day.

MICHAEL GANNON, *Manager.* JAMES CHRISTOPHER, *Mine Foreman.*
JAMES CHRISTOPHER, *Superintendent.* WALTER IMAN, *Mine Foreman.*

BIG VEIN COAL COMPANY OF WEST VIRGINIA.

SHAW.

No. 409. *Big Vein No. 3.*—This is three small drift openings, only one of which is now being operated, the No. 1 and No. 2 mines having been closed down for several years. The mines are located at Shaw, twelve miles from Piedmont, on the Western Maryland R. R. Developments are in the Bakerton Seam, the coal having an average thickness of about 2 feet, with an excellent roof condition. Very little timbering is required. Conditions at the working faces are closely looked after, as the men have the habit of blasting coal out of the solid, if not closely watched. Drainage is generally good. Ventilation is also good. The air current is set in motion by a 10 foot home-made, steam driven force fan. The present output of the No. 3 mine is about 200 tons per day. With all the workings in operation of the different openings this output could easily be doubled, but the coal is very low, and it seems difficult to mine it with any great success.

S. S. HARVEY, *Superintendent.* W. D. HOWARD, *Mine Foreman.*

CARROLL-CROSS COAL COMPANY.

EMORYVLLE.

No. 410. *Black Diamond and Imperial.*—These are two drift mines, located one mile above Oakmont, on the Elk Garden branch, of the Western Maryland Railroad. The two mines have lately been connected, although the coal is dumped over two different tipples. A 12 foot Crawford and McCrimmon steam-driven force fan installed at the new mine ventilates the workings of both operations, and the current, set in motion, has been found sufficient for the number of men employed, although we objected to the manner in which the fan is installed, as the air could not be passed down the tunnel in very large quantities. The roof conditions are generally good. Drainage is good. Timbering is well looked after, and these mines would have quite an output, if it were not for the numerous faults and clay veins encountered in the workings. At present they are capable of producing about 300 tons per day from the Black Diamond and possibly 100 from the Imperial. Their regular output is about 100 tons less than the amount given.

HOWARD CROSS, *Superintendent.* HARRY CROSS, *Mine Foreman.*

CARROLL-CROSS COAL COMPANY.

SCHELL.

No. 411. *Sarah No. 2.*—This is a small drift mine, located at Schell, twenty-five miles from Thomas, on the main line of the Western Maryland R. R. Developments are in the Lower Kittanning Seam, the mine being laid out on the double entry system. Only one ply of the coal is being mined, and the average height is not more than 3 feet. Roof conditions are excellent. Drainage is good, and ventilation, the air current being set in motion by a furnace, has been found sufficient for the number of men employed. Only about 100 tons per day was being produced on date of inspection. This is about the normal capacity of the mine under present conditions.
HOWARD CROSS, *Superintendent.* JOHN SWAN, *Mine Foreman.*

DAVIS COAL AND COKE COMPANY.

ELK GARDEN.

No. 412. *Elk Garden No. 6.—Elk Garden No. 6 Mine, No. 40 entry, and Ham's Heading.*—These are a collection of drift openings made to recover coal lost in the mining of the famous Elk Garden Bigby. It is a melancholy fact that about all of this seam of coal, none to be found in West Virginia, is in this little outcrop workings. This magnificent vein of coal, ranging in thickness from eleven to seventeen feet, with a general average of perhaps twelve feet, all over this locality, is now almost a thing of the past. About forty men find employment and produce about 400 tons per day. Roof conditions are very bad, but are carefully looked after. The dangers of mining such a seam are very great, but no accidents have been reported, as the miners employed are of the very highest class, and are second to none to be found anywhere. The ventilation is natural, and sufficient for the men employed, as there is no blasting done. The coal is hauled from the working faces with mules, delivered to the outside, and there conveyed by a steam locomotive over a tramway, about one mile, where it is dumped over the old No. 6 tipple.
R. P. MALONEY, *General Superintendent.* ELMER SHEETS, *Mine Foreman.*
J. E. OTT, *Superintendent.*

DAVIS COAL & COKE COMPANY.

OAKMONT.

No. 413. *Kittanning No. 14.*—This is a drift mine, located at Oakmont, one mile from Harrison on the Elk Garden Branch of the Western Maryland R. R. Developments are in the Freeport coal, the mine being laid out on the panel or block system. The seam has an average height of about 5 feet with a bone parting of variable width. The coal is also cut up by numerous faults and clay veins, which makes mining very difficult. A sand rock tunnel was driven for over 1,000 feet under the mountain, prospecting for coal, but was ordered stopped by the present management, after borings by a core drill had shown that there was no workable coal in advance of this tunnel. Despite these difficulties of operation this mine has been kept in excellent condition as to ventilation and general safety. Drainage has also been well looked after, and as well maintained as local conditions would permit. The mine foreman at this mine has always been regarded by those who know him as second to no other similar official anywhere, and it is largely due to his energy, knowledge and ability that this mine is producing coal at all. At present about 200 to 300 tons per day is being mined, and the future holds no promise as far as we can see for any increase of production.
R. P. MALONEY, *General Superintendent.* B. S. COLEMAN, *Mine Foreman.*
J. E. OTT, *Superintendent.*

DAVIS COAL & COKE COMPANY.

BERYL.

No. 414. *Montgomery Run No. 19.*—This is a rather large drift mine, operating the Lower Kittanning seam of coal on the double entry system. The coal has an average thickness of between 5 and 6 feet, and is badly cut up with faults and clay veins. These are naturally very dry mines and this necessitates the use of large quantities of both live and exhaust steam, to keep the workings in a moist condition. The roof condition is usually very good, requiring but little timbering. Drainage is very good. Ventilation is set in motion by a 12 foot Crawford and McCrimmon steam force fan, and has been found good. At present this mine is encountering an excessive number of faults and clay veins, which is reducing the capacity materially. The mine is now producing about 400 tons per day, and is not capable of producing a very much larger capacity. The Beryl Mines are located at Beryl, one mile from Piedmont on the Western Maryland R. R. The coal is gathered inside with mules and motors, dropped to the outside by an electric hoist, and hauled around the hill about a mile to the tipple located at Hampshire. A large electric power house supplies the power for all three of these mines.

R. P. MALONEY, *General Superintendent.* JOHN TIBBETS, *Mine Foreman.*
O. TIBBETS, *Superintendent.*

DAVIS COAL AND COKE COMPANY.

ELK GARDEN.

No. 415. *Ott No. 20.*—This mine is located two miles below Blaine, on the main line of the Western Maryland R. R. Developments are in the Freeport coal, the seam being mined, having an average thickness of about 5 feet of bone and coal. Numerous faults and clay veins are found through the workings. Explosive gases are liberated to a slight extent, and a fire boss is employed. The mine is dry if not artificially moistened and for that reason live and exhaust steam is introduced into the intake airway, both winter and summer. It is also found necessary to haul water to moisten some of the advance places. The coal is shot with permissible powder, gathered to the partings with mules, and hauled to the outside with a gasoline locomotive, which only operates on the return air currents. On date of last inspection this mine was found to be squeezing bad, it having been idle for several months. The presence of so many faults, and the failure to lay out the workings on any consistent scheme of engineering, when the mine was first opened, seems to be responsible for the above mentioned "Squeeze." Roof conditions are good. Drainage is good. Ventilation, the current being set in motion by a 15-foot steam driven Crawford and McCrimmon fan, is also found good. With the present development and a full force of men this mine is capable of producing about 300 tons per day.

R. P. MALONEY, *General Superintendent.* JOHN KILGROW, *Mine Foreman.*
J. E. OTT, *Superintendent.* JOHN JONES, *Fire Boss.*

DAVIS COAL AND COKE COMPANY.

BERYL.

No. 416. *No. 50.*—This is another drift mine, located on the opposite mountain from No. 51. The coal is about the same height, averaging less than 2 feet in thickness, with a good roof in the rooms, but a frail draw slate exposed on the entries. The timbering is well looked after, and drainage kept in good condition. Some little difficulty has been encountered in keeping tihs mine moist, and for that reason exhaust steam from the fan engine is turned into the intake airway. Ventilation has been found good, the current being set in motion by a 10-foot force fan. The coal from this mine is gathered and hauled to the outside with mules, and lowered over an incline plane 2,000 feet in length, where it is hauled to the same tipple as the coal from Mines Nos. 19 and 51. This mine is capable of and does produce about 200 tons daily.

R. P. MALONEY, *General Superintendent.* JOHN TIBBETS, *Mine Foreman.*
O. TIBBETS, *Superintendent.* JOHN KITE, *Mine Foreman.*

DAVIS COAL AND COKE COMPANY.

BERYL.

No. 417. *No. 51.*—This is a rather large drift mine, opened up in the Bakertown seam, which has an average thickness of less than 2 feet. The roof condition is generally good, the rooms requiring very little timbering. A frail slate is exposed in securing the necessary height on the entries, but is very carefully looked after. Drainage is very good, and ventilation, the air currents being set in motion by a 12-foot electrically driven force fan, has been found generally good. This mine is capable of producing about 300 tons per day. The coal is gathered on the inside with mules, lowered to the outside with an electric hoist, and again lowered over an incline plane 2100 feet in length, where it is taken by a steam locomotive and hauled to the same tipple as the No. 19 coal.

R. P. MALONEY, *General Superintendent.* JOHN TIBBETS, *Mine Foreman.*
O. TIBBETS, *Superintendent.*

GLEASON COAL AND COKE COMPANY.

GLEASON.

No. 418. *Gleason Nos. 2 and 3.*—These are drift mines, located at Gleason Station, on the Western Maryland R. R., five miles from Blaine. Developments are in the Lower Kittanning coal, the mines being laid out on the double and triple entry system. The coal has an average thickness of over 7 feet with a slate parting, averaging about 1 foot in thickness. Roof conditions are generally good, and timbering is carefully looked after. Drainage is also generally good. Ventilation, the air being set in motion by an 8 foot Stein steam-driven force fan, is good in most of the workings, but was found somewhat deficient in quantity in a few of the advanced places. The coal is cut by electric chain machines, gathered with mules and motors, and hauled to the outside by haulage motors, where it is lowered over a 400 foot incline to the tipple. This mine is ably handled, kept in generally good condition, and is at present producing about 600 tons of coal per day, which is very near its normal capacity.

PHILIP BROWN, *President and Superintendent.* CHARLES DAVIS, *Mine Foreman.*

HAMILL COAL AND COKE COMPANY.

BLAINE.

No. 419. *Smith No. 2.*—This is a drift mine, located one mile above Blaine, on the Western Maryland R. R. Developments are in the Lower Kittanning coal, the mine being laid out on the double entry system in a seam having an average thickness of about 6 feet, with a large band of slate always present in the coal. Ventilation is good. Drainage is good, and conditions generally good, at times of inspection. The mine has been idle during all of the past year. It is capable of producing about 300 tons per day when in operation.

R. A. SMITH, *Superintendent.* GRANT PEW, *Mine Foreman.*

O. B. HARRIS AND SON.

EMERYVILLE.

No. 420. *Harris.*—This is a small drift mine, located one mile above Emeryville, on the Elk Garden Branch of the Western Maryland R. R. The seam, known locally as Bakertown, is here found in commercial thickness, and during the last years was mined in a small way. The coal is about 2 feet in thickness, with a very good roof, that requires but little timbering. The ventilating current, set in motion by a furnace, is found sufficient with a few men employed. About 50 to 75 tons per day was produced, and it was about all that could be mined with the present amount of development.

O. D. HARRIS, *Owner and Manager.*

MASTELLER COAL COMPANY.

KEYSER.

No. 421. *Hampshire Nos. 1, 2, 3 or Pinnacle.*—These are three drift mines, opened up in the Pinnacle of New Creek mountain, the coal being lowered over an incline plane 2100 feet to the tracks of the Western Maryland R. R., where it is loaded on the railroad cars at Hampshire station, four miles from Piedmont, on the Western Maryland R. R. The seam being mined is known locally as the Bakertown, and has an average thickness of about 2½ feet. No. 1 opening is an old mine, almost worked out. No. 2 opening is a large mine for this seam of coal, and No. 3 is a new operation. It is proposed to move the fan from the No. 1 to the No. 2 mine and ventilate the No. 3 also with a split of air set in motion by the fan located at No. 2. The drainage in these mines is good, as a general thing. The ventilation is generally good. Roof conditions are also good, except in the entries, where it became necessary to expose a frail draw slate in securing the necessary height for mule haulage. The coal is gathered from the working faces and delivered to the outside by mules, where it is hauled around a tramroad by a steam locomotive to the head of the incline plane, and there lowered to the tipple. These mines are capable of producing about 400 tons per day, which is the normal output under favorable conditions.

J. C. WATSON, *Superintendent.* FREELAND TIBBETTS, *Mine Foreman.*

MASTELLER COAL COMPANY.

KEYSER.

No. 422. *New Creek.*—This is a large drift mine, located at Hampshire, four miles from Piedmont, on the Western Maryland R. R. Developments are in the Lower Kittanning seam, the mine being laid out on the double entry system, the coal having an average thickness of about 6 feet, with a falling slate always present in the seam. The roof is of a frail and dangerous nature, but is carefully looked after and the place is well timbered by both miners and company men. Drainage is generally good, and ventilation, the current being set in motion, by a 12 ft. Crawford and McCrimmon steam force fan, has also been found good. It requires very close attention to prevent the miners from shooting coal from the solid, but the management has adopted vigorous rules and have this practice well in hands. The coal is gathered and hauled to the outside with mules, a string team being used to deliver the coal over a tramroad to the mine tipple. With present developments and a full force of men, this mine is capable of producing about 700 tons per day, but usually mine from 400 to 500.

J. C. WATSON, *Superintendent.* FREELAND TIBBETS, *Genl. Mine Foreman.*
ROBERT TIBBETS, *Mine Foreman.*

WESTERN MARYLAND COAL COMPANY.

BLAINE.

No. 423. *Kittanning No. 2 and Smith No. 1.*—This is a drift mine, located at Blaine, on the Western Maryland R. R. Developments are in the Lower Kittanning seam, which has an average thickness of about 6 feet, with a very heavy band of slate always found present in the coal. During the last year this mine was intersected with the old Smith No. 1 mine. The accumulation of water liberated, and the remaining coal is now being mined and hauled out through the Kittanning No. 2. The roof conditions are generally good, close and careful attention being given by the miners to timbering their working places. Drainage is generally good, and ventilation, the current being set in motion by a furnace, and the natural draught which is considerable, owing to the difference in elevation between the opening, has been found sufficient for the number of men employed. The mine is at present producing about 300 tons per day, and this is its normal output under present conditions.

R. B. BRYDON, *Superintendent.* A. I. FORTNEY, *Mine Foreman.*

RANDOLPH COUNTY.

BRADY COAL COMPANY (Witt & Wilmouth, Special Receivers.)

MABIE.

No. 424. *Klondike.*—This is a small drift mine, located near Mabie, three miles above Coalton, on the Roaring Creek Branch of the Coal & Coke Railroad. The owners of this mine have been in litigation for a long time, and, as may be seen above, it has been operated in a small way by the Receivers. As may be supposed a mine, under such conditions of operation, is liable to give this Department some annoyance. The general safety however, if given the slightest care and attention, will always be good. The height of the coal will average over 8 feet. The roof conditions are good. The timbering receives fairly good attention. The mine is badly drained, and only fairly well ventilated, the air current being set in motion by a fan propelled by a gasoline engine "a system of ventilation I do not approve of" has always been found sufficient in volume, but generally not well conducted to the working faces on account of lack of stoppings, doors in bad condition, etc. This is a valuable little property, easily taken care of, and it is to be regretted that a mine, which in competent hands, would be a nice sized producer of good coal, should be tied up in this way. With the present development and proper equipment this mine could produce 500 tons per day.

RUSSELL W. WILMOUTH, *Superintendent.* JAMES G. WITT, *Mine Foreman and Special Receiver.*

DAVIS COLLIERY COMPANY.

COALTON.

No. 425. *Coalton No. 1.*—This is a very large drift mine, located at Coalton fifteen miles from Elkins, on the Roaring Creek Branch of the Coal & Coke R. R. Developments are in the Lower Kittanning coal, the mine being laid off on the double entry system, and is in a coal seam having an average thickness of about 7 feet. Roof conditions are good. The mine is well timbered. Drainage is good, and ventilation furnished by a 20 foot steam-driven Robertson fan is amply sufficient, although by neglect of building proper stoppings and to the presence of numerous daylight holes, much of this quantity of air is lost before it reaches the working faces. Only certain sections of the mine are operated at any given time, the full current of air being deflected into the sections of mine being operated. The management was cautioned on our last visit against operating the mine in full until many of the stoppings were put in better condition. On date of last inspection, only two sections of the mine were in operation. The coal is cut by Jeffrey machines of the breast and top-cutting type; gathered by motors and mules, and delivered to the outside by large haulage motors. With the present development, and a full force of men, this mine is capable of producing at least 3,000 tons per day, but their output under normal conditions is not more than one-third of that amount.

J. W. BISCHOFF, *General Superintendent.* NICHOLAS FORD, *Mine Foreman.*
JOE HOYLMAN, *Superintendent.* BERNARD RUCKER, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

COALTON.

No. 426. *Coalton No. 3.*—This is a new mine, located at Coalton, on the Roaring Creek Branch of the Coal & Coke R. R., fifteen miles from Elkins. Developments are in the Lower Kittanning coal, the mine being laid off on the double entry system in a seam having an average thickness of about 7 feet. The roof condition is generally good. The timbering receives close attention. The mine is only fairly well drained, as all the workings go to the dip. Ventilation is set in motion by an 8 foot electrically driven, steel encased force fan, and has always been found good. All the stoppings in this mine have been built of wood, and are temporary in their character. The coal is cut with machines; gathered from the working faces with horses, and hauled to the outside with electric motors, and dumped over the same tipple as the No. 3 coal. The outside equipment of these mines is extensive and of the most solid and permanent character;—300 ovens partially of the Bee Hive and partly of a more improved type are used to coke the coal, a Jeffrey coke drawer being used to remove the coke from the new style ovens. The coal is hauled up on the tipple with an electric hoist, and either screened or crushed, and placed in a large steel bin of about 2,000 tons capacity. This mine, if operated to full capacity, would produce about 1,000 tons a day, but very little coal has been taken out of it during the last year, only a few men being employed at any one time.

J. W. BISCHOFF, *General Superintendent.* NICHOLAS A. FORD, *Mine Foreman.*
JOE. HOYLMAN, *Superintendent.* BERNARD RUCKER, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

HARDING.

No. 427. *Coaling Station or Sivad No. 5.*—This mine is located eight miles from Elkins, on the main line of the Coal & Coke Railroad, and its the coaling station where the C. & C. engines are coaled. No coal is shipped for any other purpose. The Kittanning seam is being mined on the double entry system. The average thickness of the coal is about 6 feet. The roof conditions are good. The drainage, with exceptions of a few local dips, is also very good. Ventilation, the air current being set in motion by a furnace, has always been found good. It is the present intention of the management to reopen this mine; construct a new tipple, and provide for the loading of coal in railroad cars, as well as the present purpose of coaling the engines. The capacity of this mine is about 100 tons per day. Its general condition is good, and it is a nice little mine in every respect.

J. W. BISCHOFF, *General Superintendent.* OSCAR WILMOUTH, *Mine Foreman.*
L. WILMOUTH, *Superintendent.*

DAVIS COLLIERY COMPANY.

HARDING.

No. 428. *Grassy Run Nos. 1, 2 and 3.*—These are three drift mines, located at Grassy Run, one mile from Roaring Creek Junction, on a branch line of the Coal & Coke R. R. Developments are in the Lower Kittanning Coal, the mines being laid off on a double entry system, in a coal seam having an average thickness of 8 feet. Roof conditions are good. The timbering receives close and careful attention. The mines are well drained, but not very well ventilated. The air current is set in motion by two furnaces and is hardlly sufficient to maintain a sufficient flow of air to carry off the smoke made from somewhat heavy blasting, black powder being the explosive used to break down the coal. The Company was directed to install a fan, and not to employ more than the number of men found on date of inspection to work inside until this was done. The coal is mined with picks and is hauled to the outside with mules and horses around a tramroad to the mine tipple. These mines have been operated very little during the past year. With the present development and proper equipment, these mines could produce 1,000 tons per day, but have never produced anything like that amount of coal, as they have always been operated on a small scale.

J. W. BISCHOFF, *General Superintendent.* LESLIE WILMOUTH, *Superintendent and Mine Foreman.*

DAVIS COLLIERY COMPANY.

HARDING.

No. 429. *Harding Nos 1, 2, 3 and North Drift.*—This is a collections of several small and one large drift mine, located at Harding, nine miles from Elkins, on the Western Maryland Railroad. All of these mines are operated in the Lower Kittanning coal. They are laid off on the double entry system, the seam having an average thickness of 6 feet. The roof conditions are good, but I have experienced some difficulty in having the proper attention given to timbering The coal being mined with machines seemed to have a tendency to cause the miners to neglect the proper security of their working faces, and it requires some insistence on my part to induce those in charge to improve conditions in this respect. The No. 1 mines and East Drift are ventilated by an 8 foot electrically driven exhause fan, which was not giving the best satisfaction, as the mine is large, and numerous daylight holes seem to be complicating the ventilation. The No. 3 and No. 4 mines were ventilated by a furnace, and the management was instructed on our last visit to take immediate steps to install a fan, as these mines were getting too large to be properly ventilated by furnace. The coal from all of these mines is gathered by mules, and hauled to the outside with electric motors, where it is all dumped over one tipple, the lump coal being shipped and the fine coal coked; 125 Bee Hive coke ovens having been built, and are used for this purpose.

With the present developments and a full force of men, these mines could produce from 1200 to 1500 tons per day, although an average output of about 800 to 900 tons is all that is being mined.

J. W. BISCHOFF, *Genl. Superintendent.* OPHIE G. SHOMO, *Mine Foreman.*
A. C. DAVIS, *Superintendent.*

DAVIS COAL & COKE COMPANY.

WEAVER.

No. 430. *Weaver No. 1.*—This is the oldest, and was formerly the largest of the Weaver mines. At present it is almost worked out. It is located near Weaver, eight miles from Belington, on the Beaver Creek Branch of the Western Maryland Railroad. Developments are in the Lower Kittanning seam, the mine being laid off on the double entry system. The coal varies in height from six to nine feet. This variation in height is due to the fact that the upper ply, or what is known as head coal, is not being mined near the crop line, the coal being left up to avoid the extreme danger from roof falling. Close and careful timbering is required, and it is well looked after by the mine officials. Ventilation has always been found exceedingly good. The air current being set in motion by a 12 foot Robertson fan similar in every respect to the one in operation at Mine No. 2. Drainage is only fair, but is as good as can usually be expected in such an old mine, where only the pillars and stumps remain. The tail rope, having been removed, the coal is now gathered and hauled to the outside with mules and horses. With the present force of men this mine is capable of producing about 300 tons per day.

R. P. MALONEY, *Genl. Superintendent.* P. J. SMALLRIDGE, *Mine Foreman.*
H. H. HARRISON, *Superintendent.*

DAVIS COAL & COKE COMPANY.

WEAVER.

No. 431. *Weaver Nos. 2 and 2-1/2.*—This is a large drift mine, located at Weaver seven miles from Belington, on the Beaver Creek Branch of the Western Maryland Railroad. Developments are in the Lower Kittanning seam, the mine being laid off on the double entry system. All three plies of the coal are being mined, the entire seam having an average height of over nine feet. A frail draw slate overlies the coal, and requires close and careful timbering, which is well looked after by the mine officials. Ventilation has always been found good, the air current being set in motion by a 12 foot steel encased Robertson steam driven force fan. Drainage is usually found very good, the coal being gathered from the working faces with mules and hauled to the outside by a tail rope. With the present developments and a full force of men, this mine is capable of producing, under normal conditions, from 800 to 1,000 tons per day.

R. P. MALONEY, *Genl. Superintendent.* EDWARD PILL, *Mine Foreman.*
H. H. HARRISON, *Superintendent.*

W. H. GREEN.

WEAVER.

No. 432. *Williett.*—This is a small drift mine, located at Weaver, six miles from Belington, on the Beaver Creek Branch of the Western Maryland Railroad. Develop-

ments are in the Lower Kittanning coal, the mine being laid off on the double entry system, in a coal having an average thickness of about 6 feet. The roof conditions are good. The timbering receives close attention. The mine is well drained, and well ventilated, the air current being set in motion by a furnace and numerous day-light holes. The area of coal to be mined being so small, it was not thought wise to ask the company to install a fan. The capacity of this mine is about 400 tons a day, and normally that amount of coal can be produced, as the management has no difficulty in obtaining a full force of experienced and competent miners.
W. H. GREEN, *Owner and Superintendent.* JOHN CONDRY, *Mine Foreman.*

JENKINS COAL COMPANY.

MABIE.

No. 433. *Arianna.*—This is a drift mine, located at Mabie, three miles above Coalton, on the Roaring Creek Branch of the Coal & Coke R. R. Developments are in the Lower Kittanning coal, the mine being laid off on the double entry system in a seam having an average thickness of over 8 feet. The roof conditions are good. The timbering is good, the mine is well drained, and well ventilated. The air current is set in motion by a 12 foot electrically driven force fan, being far above legal requirements. Stoppings and roadways are in good condition, and in every respect this is a mine well cared for, and complying with the law in every particular. With the present development, and a full force of men, this mine is capable of producing from 700 to 800 tons per day, althought on account of a bad market condition it is not operated to anything like that capacity.
GEORGE N. FINCH, *Superintendent.* D. D. EDWARDS, *Mine Foreman.*

WEST VA. PULP & PAPER COMPANY.

CASS.

No. 434. *Hopkins.*—This is a small drift mine, located 95 miles from Elkins, and is the most inconveniently situated for purposes of inspection, I will venture to say of any coal mine in West Virginia. It is necessary to leave Elkins in the morning; travel the entire length of the C. & I. R. R., thence take the Greenbrier Branch of the C. & O. R. R. from Durbin to Cass, and thence by log train seventeen miles into the hearts of the mountains; 4,000 feet above sea level, up an incline plane 800 feet, where the coal is mined. As may be supposed, I have never found time to make many inspections of this mine. The management however takes very good care of it. Have never had a man killed, and never reported but one accident. One of the New River seams is being mined, which is found of an average thickness of upwards of 5 feet. Developments are on the double entry system, the coal being hauled by mules. Ventilation, the current being set in motion by a furnace, has always been found good. Drainage, on account of the numerous local dips, is only fairly good. The roof is good, and requires very little timbering. Most all of the coal mined is used in the log engines and fuel for the houses owned by this company.

With the present development, and their usual force of men, this mine produces about 100 tons per day.
E. P. SHAFER, *Superintendent.* D. S. SEAMANS, *Mine Foreman.*

TUCKER COUNTY.

J. CALVIN COOPER.

DAVIS.

No. 435. *Cooper.*—This is a small slope mine, located at Davis, seven miles from Thomas, on the Davis Branch of the Western Maryland R. R. Developments are in the Lower Kittanning Coal, the mine being laid out on the double and single entry systems. The coal is about 7 feet in height, with a generally bad roof condition, but is close and carefully timbered. Drainage is fairly good, ventilation, partly natural, and partly by use of a furnace, is usually good. Only a few men are employed as practically all of the coal is used locally in the town of Davis, and to supply the Tannery with fuel, which is located there. The mine is kept in nice condition and bears the marks of being under competent management.

J. CALVIN COOPER, *Genl. Superintendent and Owner.*

CUMBERLAND COAL & COKE COMPANY.

ALBERT.

No. 436. *Douglas No. 1.*—This is a large drift mine, located at Douglas, three miles from Thomas, on the West Virginia Division of the Western Maryland R. R. Developments are in the Lower Kittanning coal, the mine being laid off on a double and triple entry system, in a seam of coal having an average thickness of about 6 feet, with a large rock parting. The roof is only fairly good, but is very carefully looked after, the miners being required to timber their places securely. The mine is reasonably well drained, and is well ventilated, the air current being set in motion by a high speed steel encased electrically driven Robertson fan. This is a very large mine; has been skilfully handled, and with due consideration for the difficulty of mining, in this particular region, I have no hesitation in saying that this mine has usually been kept in about as good a condition as it well could be, with a full force of men, and a better system of handling the coal outside, it being hauled at present by a steam locomotive from the mine to the tipple, a distance of about one mile, this mine could produce a very large tonnage. However the management does not seem to desire to produce any very great tonnage, and the mine is kept at a regular output of about 800 tons per day.

J. J. DOBBIE, *Superintendent.* G. W. BURKE, *Mine Foreman.*

CUMBERLAND COAL & COKE COMPANY.

ALBERT.

No. 437. *Douglas No. 2.*—This is a small drift mine, located at Albert, three miles from Thomas on the Western Maryland R. R. Developments are in the Lower Kittanning coal, the mine being laid off on the double entry system, in a seam having an average thickness of about 6 feet, with a large slate parting near the bottom of the coal. The roof conditions are generally good. The timbering has always received close and careful attention. The mine is reasonably well drained, it being difficult to have things entirely satisfactory in this respect on account of numerous local dips. The ventilating current is set in motion by a 3½ foot steel encased electrically driven force fan, and has always been found good. The area of coal to be mined is small, and on account of difficulty in handling outside, not over 400 tons per day can well be produced, it having to be hauled by mules to the head of the incline plane, lowered to a side track, hauled by a steam locomotive, around to the tipple, dumped into a coke larry; hauled by electricity out on to a trestle and dumped into railroad cars.

J. J. DOBBIE, *Superintendent.* WALTER PILL, *Mine Foreman.*

CUMBERLAND COAL & COKE COMPANY.

ALBERT.

No. 438. *Douglass Nos. 5 and 6.*—No. 5 is a large, old drift mine, that has been closed all the year, on account of the expense of mining, and generally unfavorable conditions. No. 6 is a new drift mine, opened to recover some coal covered up in the old Douglas No. 2. The coal is hauled over the same track as those that were in use when the No. 5 was in operation. Developments of both mines are in the Lower Kittanning Coal, and they were laid off on the double entry system; the coal having an average thickness of about 6 feet, with a large rock parting. The roof is only fairly good, but very carefully looked after, the miners being required to timber their places securely and keep them in a safe condition at all times. As may be supposed, drainage is rather bad, but is just as good as can reasonably be expected. Both mines were well ventilated. The No. 5, with a large steam fan, and the No. 6, with a small electric high speed fan, which was installed during the past year. The coal is hauled with mules and motors to the outside, where it is delivered to a steam locomotive, and hauled about a mile over a tramway to the tipple. The No. 5 Mine, when operating in full, would produce about 500 tons per day. The No. 6 mine is a small operation, and will possibly produce about 200 tons. Both of these mines are located within a mile of the No. 1 and No. 2 operations of the same Company, being about two or three miles from Thomas, on the Western Maryland R. R.

J. J. DOBBIE, *Superintendent.* ABE ROBERTS, *Mine Foreman.*
ALBERT SMITH, *Mine Foreman.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 439. *Bush No. 28.*—This is a drift mine, located one mile from Bush, and three miles from Thomas on the Snyder's Run Branch, of the Western Maryland R. R. and has been idle for five years up until very recently. The coal is exceedingly faulty, the roof is frail and dangerous, and for that reason was abandoned by the former management, after they had constructed a good tipple and installed a new and up-to-date steel-encased electrically driven Sorocco fan. All of this equipment was left on the ground, the wires and steel tracks being left inside. On date of last visit quite a number of men were busily engaged in cleaning up falls preparing to put the mine in operation. Some temporary means of ventilation was to be installed and an effort made to develop the mine in the right section to, if possible, discover a workable area of coal. The drainage is good.

R. P. MALONEY, *Genl. Superintendent.* JAMES COVERLY, *Mine Foreman.*
R. N. HOSLER, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 440. *Bush No. 38.*—This is a large shaft mine, located at Bush, three miles from Thomas on the Snyder's Run Branch of the Western Maryland R. R. Developments are in the Lower Kittanning coal, the seam being found 165 feet below the surface of the ground, and having an average thickness of about 6 feet. The roof varies from hard sand rock to soft slate in the different sections of the mine. We encountered some little difficulty in getting the miners to properly timber their working faces, as up until recently little attention had been paid to the width of rooms and many places were found being driven too wide. Ventilation furnished by a 12-foot electrically driven steel-encased Jeffrey Fan, until recently was not very good, as much temporary work was carried on when the mine was first opened up four years ago. The present management has rebuilt the stoppings; removed thousands of tons of slate and debris from the back air courses, and put the mine in good condition generally. The output has been far more than doubled and with the present development and a full force of men this mine would be capable of producing at least 1,000 tons per day. The escape shaft at this mine is equipped with stairs and owing to the fact that the first motion engine, in use at this shaft, was not equipped with an automatic cut-off, and I thought it necessary to prohibit the men from riding on these cages; after a serious wreck had occurred by the engineer losing control of his engine. I was notified that this cut-off was to be installed just previous to my leaving the District. The outside equipment otherwise was always found in excellent condition, and is in many respects, a very fine mine.

R. P. MALONEY, *Genl. Superintendent.* WILLIAM LEWIS, *Mine Foreman.*
R. N. HOSLER, *Superintendent.* WM. BISSETT, *Mine Foreman.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 441. *Coketon No. 24.*—This is a drift mine, opened up on double entry system, developments being in the Freeport seam. The mine is located one-half mile from Coketon on the Davis Branch of the Western Maryland Railroad. As usual this seam of coal in this locality is full of faults and clay veins, but is at present being operated with a great deal of skill and judgment; the Mine Foreman of this mine being a remarkably successfull man in handling a mine of this character. The timbering is good. Ventilation is good. Drainage as good as can be expected under the circumstances. The coal is shot with permissible explosives exclusively, all blasts being discharged by electric battery. The roof conditions vary widely in the different working faces; the coal varying in height from 3½ feet to 7 feet. The roof is usually frail and dangerous, but very carefully looked after. This mine is capable of producing about 400 tons per day.

R. P. MALONEY, *Genl. Superintendent.* M. N. UTTERBACH, *Mine Foreman.*
ANDREW BEVERIDGE, *Superintendent.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 442. *Coketon Nos. 26 and 27.*—These are two old drift mines, located at Coketon, one mile from Thomas, on the Western Maryland R. R. The developments are in the upper Freeport coal, the seam being very irregular, in thickness, ranging from 4 to 8 feet in thickness in different portions of the mines. The roof varies widely, being hard solid slate in some parts of the mine, and a very soft shale in others, necessitating close and careful attention as to timbering. As these mines have been badly cut up, ventilating can never be made entirely satisfactory, although the Company has made very substantial progress in trying to get these mines in condition. The drainage is also very bad, as the earlier developments do not show any evidence of skill or judgment in planning developments. The coal is extremely hard, being shot from the solid with permissible powder exclusively, the blast being discharged by electric batteries. The ventilating current is set in motion by a 15 foot Crawford and McCrimmon fan, electrically driven.

R. P. MALONEY, *Genl. Superintendent.* RAY K. BOGART, *Mine Foreman.*
R. N. HOSLER, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 443. *Coketon No. 35.*—This is a very old drift mine, located at Coketon, one mile from Thomas, on the Western Maryland Railroad. Developments are in the Lower Kittanning coal, and nothing but pillars and stocks remain. The roof is frail and of a dangerous nature, but is carefully looked after both by the miners at their working faces, and by day men who are employed to look after roof conditions along the haulways. The coal is gathered by mules and motors, and brought to the outside by a larger haulage motor. The mine is ventilated naturally, and by a current from the mine of the Thomas No. 34 mine. As may be supposed, the drainage is rather bad. The coal is exceedingly soft, over 6 ft. in height, and although only a few miners are employed, on account of limited working area, yet the mine has an average production of about 150 tons per day. It is my present information that, on account of the difficulty of recovering more of this coal, that the mine should be, for the time at least, abandoned, except to keep the haulage way open, as the Second Opening from the Thomas Shaft.

R. P. MALONEY, *Genl. Superintendent.* GILBERT SEAMONS, *Mine Foreman.*
ANDREW BEVERIDGE, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 444. *Coketon No. 36.*—This is a large drift mine located at Coketon one mile from Thomas, on the Western Md. R. R. Developments are in the Lower Kittanning Coal the mine being laid out on the double entry system, the height of coal varies in different parts of the mine running from 3 to 6 ft. in the different workings. The roof is generally bad in this mine and requires very close attention, the miners timbering their places carefully, and the company employs several men to timber the roadways and to remove loose slate. The mine is reasonably well drained, it being difficult to have things entirely satisfactory in this respect on account of numerous local dips. The ventilating current is set in motion by a 15 ft. electrically driven force fan, and also by a split in the ventilating current from a large Jeffrey fan, which was installed at the No. 41 mine with a view to using part of the current to ventilate some of the advanced workings of the No. 36,—the two mines being connected.

R. P. MALONEY, *Genl. Superintendent.* ALEX G. WADDELL, *Mine Foreman.*
ANDREW BEVERIDGE, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

No. 445. *Coketon No. 37.*—This mine is located two miles from Thomas, on the Western Maryland R. R. Developments are in the Lower Kittanning coal, the mine being laid out on the Double Entry system; the seam being operated has an average thickness of about 5½ feet, with only one small band of impurities. The roof is frail draw slate, and of extremely dangerous character, unless carefully secured by timber. The system used to require each miner to set a post every 3½ feet, as he advances his working place; the rooms are driven 14 ft. wide, and entries 10 ft. The drainage is generally good, and the ventilation is fairly good; the air is set in motion by a 5 ft. Robertson fan, electrically driven, and located at the bottom of an air shaft, which is also used as an escape-way or second opening. At present the two main entries are being driven to the outside as rapidly as possible in order to secure another outlet and a better system of ventilation for this mine. With the exceptions of this frail top, conditions of safety are generally good. The capacity of this mine is about 800 tons per day, and their daily output is now very close to that amount.

R. P. MALONEY, *Genl. Superintendent.* W. P. BEVERIDGE, *Mine Foreman.*
ANDREW BEVERIDGE, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

(General Offices, Thomas.)

No. 446. *Francis No. 41.*—This mine is located on the Davis Branch of the Western Maryland R. R. four miles from Thomas. Developments are in the Lower Kittanning seam, which has an average thickness of about 5 feet. The roof is of a frail and dangerous character, but is generally well timbered. Drainage has been found bad, as it is nearly impossible to drain this mine in a satisfactory manner. Ventilation furnished by a 14 foot steel encased electrically driven Jeffrey fan (which also ventilates part of the Coketon No. 36 mine) has not been found entirely satisfactory, as the available coal has never made the operation of this mine profitable; and many of the stoppings were not in very serviceable condition. After some insistence upon our part, ventilation was placed in a more satisfactory condition. The opening of this mine seems to have been an error of engineering or an economic mistake, as there was no coal available for this opening that could not have been secured from mines already in operation, and for that reason it has always had a very limited capacity, not producing more than 400 or 500 tons per day at any time since it has been in operation. It is a splendidly equipped mine on the outside, a considerable number of very good company houses having been erected, many of them never having been lived in, and the present management is tearing down these houses and moving them to Henry, West Virginia, where there seems to be some need for them.

R. P. MALONEY, *General Superintendent.* ALEX. WADDELL, *Mine Foreman.*
ANDREW BEVERIDGE, *Superintendent.* ROBERT BEATTIE, *Mine Foreman.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 447. *Pendleton Run.*—This is a drift mine, located between Thomas and Davis, the coal being hauled thorugh what is known as Rock entry, and dumped into R. R. cars over the Thomas No. 23 tipple, at Thomas, on the Western Maryland R. R. Developments are in the Upper Freeport coal, which varies in the height from 4 to 8 feet in the different workings. It is badly cut up with faults and clay veins, and the roof has a general tendency to be of a frail character, but the timbering is generally well looked after. At present writing the company has placed this mine in the hands of a very competent man, with instructions to improve ventilation, drainage, and all other defective conditions, with a view to getting the tonnage from this operation, as the mine has been operated in a haphazard way with a few miners almost ever since it was opened. A new second opening has been made on date of last inspection, and much other work is in progress. The mine was producing about 200 tons per day, and will shortly more than double this output, if work to improve conditions is continued. The air current is set in motion by a 10-foot electrically-driven Crawford and McCrimmon force fan. The coal is gathered with mules and motors and hauled to the No. 23 tipple with a large haulage motor.

R. P. MALONEY, *General Superintendent.* CHAS. CARMEN, *Mine Foreman.*
MATTHEW BLAIR, *Superintendent.*

DAVIS COAL & COKE COMPANY.

PIERCE.

No. 448. *Pierce No. 39.*—This is a large shaft mine, located at Pierce, four miles from Thomas, on the Pierce Branch of the Western Maryland R. R. Developments are in the Lower Kittanning coal, which is found 438 feet below the surface with an average thickness of almost 6 feet. Several faults have been encountered in the working of this mine. The roof is generally of a frail nature. Drainage is good. Timbering is carefully looked after by the miners, the haulways being taken care of by timber and slate men employed by the operating company. The air current is set in motion by a 12-foot electrically-driven steel-encased Jeffrey force fan. No men or animals are hoisted from this mine on the cages used for raising coal. A special cage is provided in the second opening, and a special engineer lowers the men in the morning; operates the cage again at noon, and begins the hoisting of men and animals after 3:30 P. M. This cage is equipped with four steel doors, and is made as safe as it seems possible to make a cage. The signalling from the bottom is done by one of the shot inspectors, who has charge of the raising of men, on each evening. The coal is shot by permissible powder; gathered by mules and motors, and is delivered at the shaft bottom with two large haulage motors. This is a thoroughly up-to-date and ably managed mining operation, both inside and outside. With the present development the mine is producing about 800 tons per day.

R. P. MALONEY, *General Superintendent.* J. L. JEFFREYS, *Mine Foreman.*
W. W. BREWER, *Superintendent.* IRVIN WRIGHT, *Mine Foreman.*
assisted by two shot inspectors.

DAVIS COAL & COKE COMPANY.

PIERCE.

No. 449. *Pierce No. 40.*—This is a shaft mine, located at Pierce, five miles from Thomas upon the Pierce Branch of the Western Maryland R. R. Developments are in the Lower Kittanning Seam, the coal being found 250 feet below the surface, having an average thickness of about 5½ feet, and is remarkably clean. The roof is frail and dangerous, but is carefully looked after, both by miners and Company men employed for that purpose. The drainage is good, and ventilation,—set in motion by a 12-foot electrically driven steel-encased Jeffrey force fan is also good. The air is conducted to the working faces by a number of overcasts, the current being divided into five separate splits. The men are caged in and out of the shaft with the same model of a cage as the one at the No. 39 mine. The coal is shot by permissible powder, the working faces are carefully looked after by mine foreman, assistant mine foremen and shot inspectors, and we have no hesitation in saying that these plants are as well cared for and have mining conditions that compare favorably with the best of mines anywhere. No explosive gases are liberated, and no dangerous accumulations of coal dust have ever been found. They are a source of pride to the operating company, and very creditable to the men in charge. It was with extereme regret that I learned after leaving this territory that Mr. Tasker, the efficient mine foreman, had been killed by a fall of slate. I have never met one more efficient. By his death the mining interests lost one of the chief exponents of safe and competent practices; he was himself killed by an accident, only shows the uncertainty existing in this business. With the present development, and a full force of men, this mine can and does produce about 800 tons per day.

R. P. MALONEY, *General Superintendent.* FREMONT S. TASKER, *Mine Foreman.*
W. W. BREWER *Superintendent.* RICHARD FOUGHT, *Mine Foreman.*
Assisted by two shot Inspectors.

DAVIS COAL & COKE COMPANY.

PIERCE.

No. 450. *Pierce No. 43.*—This is a slope mine, located six miles from Thomas, on the Pierce Branch of the Western Maryland R. R. Developments are in the Lower Kittanning seam, the mine being laid out on the double entry system. It is a rather new operation and at present only advanced work is being done; no rooms being turned whatever. The coal is between 5 and 6 feet in height, overlaid with a very frail draw slate, requiring and receiving close attention to timbering. Ventilation furnished by 5½ ft. High Speed Robertson Fan has been found good. Drainage, except in the main dips, is very good. These last named entries are being driven directly to the dip, which is nearly 20 degrees. The present output of this mine is about 150 tons per day. It is gathered by electric motors hauled up the slope with a rope, and from there to the tipple, by electric motor again.

R. P. MALONEY, *Genl. Superintendent.* DORFUS A. BROWN, *Mine Foreman.*
W. W. BREWER, *Superintendent.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 451. *Thomas No. 23—Drift.*—As the name implies this is an old Drift Mine, and was at one time the largest mine in Tucker county. Developments are in the Upper Freeport coal, the mine being laid out on the double entry system. The location of the mine is at Thomas Station on the Western Maryland R. R. The thickness of the coal varies widely in different parts of the mine, running from 4 to 7 feet in different parts of the workings. The roof is also very changeable, being hard slate in some places, and frail and dangerous shaly fire clay in others. The timbering is carefully looked after, and the drainage is bad, chiefly on account of the raised side of the workings being pillared up, thereby turning surface water into the dip side of the mines. Ventilation, furnished by a 5½ ft. Sorocco Fan, is good. Explosive gases are liberated in the dip sections of the workings, necessitating the use of canvas to ventilate the faces of the more advanced places. The coal is shot from the solid with permissible powder, electric batteries being used to discharge all blasts. The shots are inspected before the miners are permitted to fire them, and no shooting is permitted where explosive gas can be detected. The coal is gathered with electric motors and mules and hauled to the outside by large haulage motors. With the present development and a full force of men, the mine is capable of producing about 700 tons per day.

R. P. MALONEY, *General Superintendent.* MICHAEL O'BRIEN, *Mine Boss.*
MATTHEW BLAIR, *Superintendent.* W. H. NOON, *Fire Boss.*
ARTHUR STEWART, *Shot Inspector.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 452. *Thomas No. 25.*—This is a drift mine located at Thomas, on the Western Maryland R. R. Developments are in the Upper Freeport Coal, the mine being laid out on the double and triple entry system. The height of the coal varies in the different workings from 4 to 6 feet. The roof is also very different in character in the different working places, varying from hard solid slate to soft and shelly fire clay. Timbering is well looked after by both miners and Company men. Drainage is bad, the former management having pillared the raised side of the mine and allowed much surface water to make its way into the dip workings, and thereby rendering the operation very difficult. Explosive gases have always been freely liberated in the dip working, and on account of this, and the numerous faults and clay veins encountered the management decided to abandon further development and pillar the mine back. Ventilation furnished by an 18 ft. electrically driven Guyball Fan, has always been found good. At present the mine is producing about 300 tons per day.

R. P. MALONEY, *General Superintendent.* THOMAS O'BRIEN, *Mine Foreman.*
MATTHEW BLAIR, *Superintendent.* JOE GOLDIA, *Fire Boss.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 453. *Thomas No. 34.—Shaft.*—This is an old shaft mine, located at Thomas, on the Western Maryland R. R. Developments are in the Lower Kittanning seam. which is found 198 feet below the surface; the height of coal being about 6 feet. The roof condition varies widely, being sand rock in some parts of the mine, and frail and dangerous slate in others. In common with all of Tucker county, the coal is mined with picks, and all blasting is done with permissible powder, the shots being fired with an electric battery. The timbering is well looked after, and drainage is as good as can reasonably be expected in an old mine, which shows such unmistakable evidence of being badly handled in the past. The ventilation is set in motion by a 16-foot Clifford Cappel electrically-driven steel-encased force fan. The coal is gathered and hauled to the shaft bottom by electric motors; the Second Opening in this mine being maintained through the Coketon No. 35. A great deal has been done to put this mine in condition by the present management; many large electric pumps have been installed to take care of the large amount of water which makes its way into this mine from several adjoining mines. Solid stoppings have been put in, man holes made and marked and the mine practically reopened, so that it now produces about as much coal as it ever has in the past. The workings at this time recovered are producing about 400 tons per day.

R. P. MALONEY, *General Superintendent.* S. E. HAWKSHAW, *Mine Foreman.*
MATTHEW BLAIR, *Superintendent.*

FIFTH DISTRICT.

GENERAL SUMMARY FOR THE FIFTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Braxton....	5	....	65	61	18	42	186	27	......	27	213	294,206	....
Clay......	3	3	20	220	22	58	320	81	......	81	401	531,645	....
Fayette... (Part)	14	6	247	1,354	148	615	2,364	302	15	317	2,681	1,568,316	37,944
Gilmer....	3	1	10	55	18	28	111	16	......	16	127	137,971	....
Greenbrier	1	....	17	......	......	6	23	7	......	7	30	24,128	....
Kanawha. (Part)	23	3	108	1,208	156	513	1,985	250	......	250	2,235	1,382,237	....
Mason....	3	....	......	119	22	51	192	41	......	41	232	125,135	....
Nicholas.. (Part)	5	1	60	2	2	13	77	10	3	13	90	76,085	1,508
Putnam...	5	3	652	......	......	199	851	151	......	151	1,002	479,045	....
Totals....	62	17	1,179	3,019	386	1,525	6,109	885	18	903	7,012	4,618,768	39,452

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE FIFTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
BRAXTON COUNTY			
Davis Colliery Co.	No. 3	11-12-14	R. B. Cobb
Davis Colliery Co.	No. 7	11-12-14	R. B. Cobb
Davis Colliery Co.	Copen	11-14-14	R. B. Cobb
CLAY COUNTY			
Elk River Coal & Lumber Co.	Rich Run	12- 7-14	R. B. Cobb
Elk River Coal & Lumber Co.	Rich Run	12- 8-14	R. B. Cobb
Elliott Splint Coal Co.	Elliott	12- 9-14	R. B. Cobb
Queen Shoals Coal Co.	No. 2	9-21-14	R. B. Cobb
Queen Shoals Coal Co.	No. 3	9-21-14	R. B. Cobb
Queen Shoals Coal Co.	No. 2	5- 7-15	R. B. Cobb
FAYETTE COUNTY			
Boomer Coal & Coke Co.	No. 2 South	7-31-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 5	8- 3-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 North	8- 4-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 4	8- 5-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 South	10-12-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 4	10-13-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 5	10-14-14	R. B. Cobb
Boomer Coal & Coke Co.	No 2 North	10-19-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 4	11-18-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 South	12-31-14	R. B. Cobb
Boomer Coal & Coke Co.	No. 5	1- 1-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 4	1- 4-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 North	1- 5-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 South	3-26-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 South	3-30-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 4	3-31-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 North	4- 1-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 5	4- 2-15	R. B. Cobb
Boomer Coal & Coke Co.	No. 2 North	4- 5-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	7-21-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	7-22-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 South	7-22-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 3	8- 7-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 4	8- 7-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	8-19-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 4	9-30-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	10- 1-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 3	10-15-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 4	12- 3-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	12-10-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 3	12-18-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	3-11-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2 North	3-12-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 4	3- 6-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 3	5-17-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 4	6- 3-15	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	8-10-14	R. B. Cobb
Columbus Iron & Steel Co.	No. 5	10-28-14	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	10-30-14	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	1-18-15	R. B. Cobb
Columbus Iron & Steel Co.	No. 5	1-18-15	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	4-27-15	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	4-28-15	R. B. Cobb
Columbus Iron & Steel Co.	No. 1	6-29-15	R. B. Cobb
Johnson W. R. Coal Co.	Oakland	11-30-14	R. B. Cobb
Johnson W. R. Coal Co.	No. 2	2-25-15	R. B. Cobb
Johnson W. R. Coal Co.	Oakland No. 2	4-26-15	R. B. Cobb
Sunday Creek Co.	No. 112	7-20-14	R. B. Cobb
Sunday Creek Co.	No. 115	8-18-14	R. B. Cobb
Sunday Creek Co.	No. 114	8-21-14	R. B. Cobb
Sunday Creek Co.	No. 111	8-24-14	R. B. Cobb
Sunday Creek Co.	No. 112	10- 5-14	R. B. Cobb
Sunday Creek Co.	No. 112	10- 8-14	R. B. Cobb
Sunday Creek Co.	No. 111	10- 9-14	R. B. Cobb
Sunday Creek Co.	No. 111	11-16-14	R. B. Cobb
Sunday Creek Co.	No. 112	12- 4-14	R. B. Cobb
Sunday Creek Co.	No. 114	12-14-14	R. B. Cobb
Sunday Creek Co.	No. 115	12-14-14	R. B. Cobb
Sunday Creek Co.	No. 112	1-12-15	R. B. Cobb
Sunday Creek Co.	No. 112	1-13-15	R. B. Cobb

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE CO.—Continued			
Sunday Creek Co.	No. 111	1-14-15	R. B. Cobb
Sunday Creek Co.	No. 112	2-24-15	R. B. Cobb
Sunday Creek Co.	No, 114	3- 1-15	R. B. Cobb
Sunday Creek Co.	No. 115	3- 1-15	R. B. Cobb
Sunday Creek Co.	No. 115	3- 2-15	R. B. Cobb
Sunday Creek Co.	No. 114	3- 2-15	R. B. Cobb
Sunday Creek Coal Co.	No. 112	4-12-15	R. B. Cobb
Sunday Creek Coal Co.	No. 114	6- 1-15	R. B. Cobb
Sunday Creek Coal Co.	No. 115	6- 2-15	R. B. Cobb
GILMER COUNTY			
Copen Creek Coal Co.	Copen Creek	11- 2-14	R. B. Cobb
Gilmer Fuel Co.	Gilmer	11-13-14	R. B. Cobb
McCaa Coal Co.	McCaa	11-13-14	R. B. Cobb
GREENBRIER COUNTY			
Elk Lick Coal Co.	Elk Lick	11- 9-14	R. B. Cobb
KANAWHA COUNTY			
Blue Creek Coal & Land Co.	Wills Hollow No. 2	8-27-14	R. B. Cobb
Blue Creek Coal & Land Co.	Blakely No. 3	8-27-14	R. B. Cobb
Blue Creek Coal & Land Co.	Wills Hollow	9-16-14	R. B. Cobb
Blue Creek Coal & Land Co.	Wills Hollow No. 2	12-16-14	R. B. Cobb
Blue Creek Cooal & Land Co.	Blakely No. 3	12-16-14	R. B. Cobb
Blue Creek Coal & Land Co.	Blakely No. 5	12-16-14	R. B. Cobb
Cabin Creek Cons. Coal Co.	Thistle	7- 1-14	R. B. Cobb
Cabin Creek Cons. Coal Co.	Rose	7- 2-14	R. B. Cobb
Campbells Creek Coal Co.	White Star No. 5	7-27-14	R. B. Cobb
Campbells Creek Coal Co.	No. 3	7-27-14	R. B. Cobb
Campbells Creek Coal Co.	No. 3	7-28-14	R. B. Cobb
Campbells Creek Coal Co.	Ten Mile No. 5	8-17-14	R. B. Cobb
Campbells Creek Coal Co.	No. 6	8-17-14	R. B. Cobb
Campbells Creek Coal Co.	Mill Hollow	8-17-14	R. B. Cob
Campbells Creek Coal Co.	No. 1	11-23-14	R. B. Co
Campbells Creek Coal Co.	No. 1	11-24-14	R. B. Co
Campbells Creek Coal Co.	No. 4	11-27-14	R. B. Co
Campbells Creek Coal Co.	No. 6	11-27-14	R. B. Cob
Campbells Creek Coal Co.	Ten Mile	11-27-14	R. B. Cob
Campbells Creek Coal Co.	No. 3	1-28-15	R. B. Cobb
Campbells Creek Coal Co.	No. 6	1-28-15	R. B. Cobb
Campbells Creek Coal Co.	No. 1	2- 1-15	R. B. Cobb
Campbells Creek Coal Co.	No. 1	2- 8-15	R. B. Cobb
Campbells Creek Coal Co.	Red Star	5-11-15	R. B. Cobb
Campbells Creek Coal Co.	No. 3	5-11-15	R. B. Cobb
Campbells Creek Coal Co.	No. 3	5-12-15	R. B. Cobb
Campbells Creek Coal Co.	White Star	5-12-15	R. B. Cobb
Campbells Creek Coal Co.	Mill Hollow	5-20-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 1	7-23-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 1	7-24-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 1	10- 2-14	R. B. Cobb
Cannelton Coal & Coke Co.	No. 1	1- 6-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 2	3-25-15	J. I. Absalom
Cannelton Coal & Coke Co.	No. 1	3-16-15	J. I. Absalom
Cannelton Coal & Coke Co.	No. 1	5-18-15	R. B. Cobb
Cannelton Coal & Coke Co.	No. 1	5-19-15	R. B. Cobb
Hackett Coal Co.	Hackett	7- 6-14	R. B. Cobb
Hackett Coal Co.	Hackett	12-30-14	R. B. Cobb
Hackett Coal Co.	Hackett	1-19-15	R. B. Cobb
Householden Jacob	Pen Mar	2-11-15	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3	7-29-14	R. B. Cobb
Kelly's Creek Colliery Co.	No. 1	7-10-14	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3	7-30-14	R. B. Cobb
Kelly's Creek Colliery Co.	No. 1	9-24-14	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3	10-27-14	R. B. Cobb
Kelly's Creek Colliery Co.	No. 1	1- 7-15	R. B. Cobb
Kelly's Creek Colliery Co.	No. 1	5-25-15	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3	5-28-15	R. B. Cobb
Marmet Coa Co.	Monarch	8-25-14	R. B. Cobb
Marmet Coal C ›.	Monarch	1- 8-15	R. B. Cobb
Marmet Coal Co.	Monarch	1-11-15	R. B. Cobb
Marmet Coal Co.	Monarch	1-20-15	R. B. Cobb
Marmet Coal Co.	Monarch	5-24-15	R. B. Cobb
Mill Creek Cannel Coal Co.	Villa	3-22-15	R. B. Cobb
Morris Fork Coal Co.	Turner	9-21-14	R. B. Cobb
Morris Fork Coal Co.	Turner	12-15-14	R. B. Cobb
Morris Fork Coal Co.	Turner	4-29-15	R. B. Cobb

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
KANAWHA CO.—Continued			
Quincy Coal Co.	No. 1	9-22-14	R. B. Cobb
Quincy Coal Co.	No. 2	9-22-14	R. B. Cobb
Quincy Coal Co.	No. 3	9-22-14	R. B. Cobb
Quincy Coal Co.	No. 2	4-19-15	R. B. Cobb
Standard-Kanawha Coal Co.	Acme No. 2	8-28-14	R. B. Cobb
Standard-Kanawha Coal Co.	Coal Ridge No. 1	8-28-14	R. B. Cobb
Standard-Kanawha Coal Co.	Coal Ridge No. 1	12-17-14	R. B. Cobb
Standard-Kanawha Coal Co.	Coal Ridge No. 1	4-21-15	R. B. Cobb
Sunday Creek Co.	No. 104	7- 7-14	R. B. Cobb
Sunday Creek Co.	No. 105	7- 8-14	R. B. Cobb
Sunday Creek Co.	No. 108	7- 9-14	R. B. Cobb
Sunday Creek Co.	No. 101	9-18-14	R. B. Cobb
Sunday Creek Co.	No. 105	9-23-14	R. B. Cobb
Sunday Creek Co.	No. 108	9-25-14	R. B. Cobb
Sunday Creek Co.	No. 104	9-29-14	R. B. Cobb
Sunday Creek Co.	No. 101	10-26-14	R. B. Cobb
Sunday Creek Co.	No. 105	12-21-14	R. B. Cobb
Sunday Creek Co.	No. 108	12-22-14	R. B. Cobb
Sunday Creek Coal Co.	No 108	4-13-15	R. B. Cobb
Sunday Creek Coal Co.	No 105	4-14-15	R. B. Cobb
Sunday Creek Coal Co.	No. 108	5-26-15	R. B. Cobb
Sunday Creek Coal Co.	No. 105	5-27-15	R. B. Cobb
Virginia Coal Co.	No. 1	8- 6-14	R. B. Cobb
Virginia Coal Co.	No. 2	8- 6-14	R. B. Cobb
Virginia Coal Co.	No. 1	9- 3-14	R. B. Cobb
Virginia Coal Co.	No. 1	9- 8-14	R. Y. Muir
Virginia Coal Co.	No. 1	10-23-14	R. B. Cobb
Virginia Coal Co.	No. 2	10-23-14	R. B. Cobb
Virginia Coal Co.	No. 1	11-25-14	R. B. Cobb
Virginia Coal Co.	No. 2	11-25-14	R. B. Cobb
Virginia Coal Co.	No. 1	1-15-15	R. B. Cobb
Virginia Coal Co.	No. 1	1-16-15	R. B. Cobb
Virginia Coal Co.	No. 2	5-20-15	R. B. Cobb
Virginia Coal Co.	No. 1	5-13-15	R. E. Cobb
MASON COUNTY			
Hartford City Coal & Salt Co.	Sliding Hill	3-23-15	R. B. Cobb
Hutchinson Coal Co.	Linden	9- 1-14	R. B. Cobb
Hutchinson Coal Co.	Linden	12- 2-14	R. B. Cobb
Hutchinson Coal Co.	Linden	3-24-15	R. B. Cobb
Jackson Coal Mining Co.	Newman	8-31-14	R. B. Cobb
Jackson Coal Mining Co.	Newman	12- 1-14	R. B. Cobb
Jackson Coal Mining Co.	Newman	3-24-15	R. B. Cobb
Newton J. M. & D. E.	Newton	9- 2-14	R. B. Cobb
Newton J. M. & D. E.	Newton	12- 1-14	R. B. Cobb
NICHOLAS COUNTY			
Pardee & Curtin Lbr. Co.	No. 1	11-11-14	R. B. Cobb
Pardee & Curtin Lbr. Co.	No. 2	11-11-14	R. B. Cobb
Saxman Coal & Coke Co.	Nos. 1 & 2	11-10-14	R. B. Cobb
Saxman Coal & Coke Co.	No. 3	11-10-14	R. B. Cobb
PUTNAM COUNTY			
Black Retsey Coal & Mining Co.	No. 2	7-13-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	7-14-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 2	9-14-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	9-15-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 2	10-29-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 6	10-29-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	12-28-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	12-29-14	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	2-22-15	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	2-23-15	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	5- 5-15	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	5- 6-15	R. B. Cobb
Black Betsey Coal & Mining Co.	No. 3	5-10-15	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 3	7-15-14	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 1	7-16-14	R. B. Cobb
Orto Marmer Coal & Mining Co.	No. 4	7-16-14	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 1	9- 8-14	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 4	9- 8-14	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 3	9- 9-14	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 1	1-26-15	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 4	1-26-15	R. B. Cobb
Otto Marmet Coal & Mining Co.	No. 5	1-26-15	R. B. Cobb
Otto Marmet Coal Mining & Co.	No. 3	1-27-15	R. B. Cobb

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
PUTNAM CO.—Continued			
Plymouth Coal & Mining Co.	No. 4	7-17-14	R. B. Cobb
Plymouth Coal & Mining Co.	Manilla	9-10-14	R. B. Cobb
Plymouth Coal & Mining Co.	No. 29	9-11-14	R. B. Cobb
Plymouth Coal & Mining Co.	Alpha	11-19-14	R. B. Cobb
Plymouth Coal & Mining Co.	No. 29	11-19-14	R. B. Cobb
Plymouth Coal & Mining Co.	Manilla	11-20-14	R. B. Cobb
Plymouth Coal & Mining Co.	No. 4	11-20-14	R. B. Cobb
Plymouth Coal & Mining Co.	Alpha	2-15-15	R. B Cobb
Plymouth Coal & Mining Co.	No. 29	2-16-15	R. B. Cbob
Plymouth Coal & Mining Co.	No. 4	2-19-15	R. B. Cobb
Plymouth Coal & Mining Co.	Manilla	2-19-15	R. B. Cobb
Plymouth Coal & Mining Co.	No. 29	5- 3-15	R. B. Cobb
Plymouth Coal & Mining Co.	Alpha	5- 3-15	R. B. Cobb
Plymouth Coal & Mining Co.	No. 4	5- 4-15	R. B. Cobb
Plymouth Coal & Mining Co.	Manilla	5- 4-15	R. B. Cobb
Plymouth Coal & Miming Co.	Manilla	6-21-15	R. B. Cobb
Plymouth Coal & Mining Co.	Alpha	6-28-25	R. B. Cobb
Plymouth Coal & Mining Co.	No. 29	6-30-15	R. B. Cobb

INSPECTOR'S REPORT.

CHARLESTON, W. VA., August 14, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith submit my Annual Report as Inspector of the Fifth District of West Virginia, for the year ending June 30, 1915. I am pleased to report that I have received the hearty co-operation of the operators, mine officials and miners, during the past year, and there seems to be a well defined effort on the part of operators, mine officials and miners to enforce a more rigid method of discipline in the operation and development of the mines; more especially to the safety and sanitary condition of the mines.

I am glad to say that in the discharge of my duties I have received courteous treatment from mine officials and miners, and I desire to extend to you my thanks for the advice and assistance that you have given me at all times.

Respectfully yours,

R. B. COBB,
Mine Inspector Fifth District.

MINES IDLE DURING THE YEAR.

Catherine Mine, located at Gilmer, Gilmer County; Boomer No. 1 Mine located at Boomer Fayette County; Boomer No. 3 Mine located at Boomer, Fayette County; Sunday Creek Company No. 116, located at Harewood, Fayette County; W. R. Johnson No. 1 Mine, located at Oakland, Fayette County; Camp Piatt Mine, located at Bell, Kanawha County; Hughes Creek Nos. 2, 3 & 4 Mines, located at Hugheston, Kanawha County; Perryville Mine, located at Perryville, on Campbells Creek, Kanawha County.

MINES ABANDONED IN FIFTH DISTRICT.

Queen Shoals, located at Queen Shoals, Clay County, W. Va.
Elk Manor Coal Company, located at Dorfee, Clay County, W. Va.
Plymouth No. 4 Mine, located at Plymouth, Putnam County, W. Va.
Virginia No. 2 Slope, located at Coal Fork, Kanawha County, W. Va.
Standard Kanawha Coal & Mining Company, No. 2 Drift, located at Sanderson, Kanawha County, W. Va.

BRAXTON COUNTY.

BRAXTON COAL & COKE COMPANY.

BRAXTON.

No. 501. *Braxton.—Drift.*—Located at Cutlip, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which has an average thickness of six and one-half feet. The roof is slate, and in some sections bad, requiring it to be well timbered to insure safety. Ventilation is by means of a temporary furnace which furnishes sufficient air for the number of persons employed, as this is a very small development, employing only a few persons. Coal is mined by pick, with mule haulage. The mining laws are generally complied with.

CHARLES S. BOYER, *Superintendent and Mine Foreman.*

DAVIS COLLIERY COMPANY.

BOWER.

No. 502. *No. 7.—Drift.*—Located at Bower, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six and one-half to eight feet, with a slate roof, which is bad in some sections, requiring careful attention, and to be well timbered to insure safety. In some sections of the mine there is some water to contend with. Drainage generally good. This mine is ventilated by a 4-foot fan which gives sufficient ventilation. Coal is mined by machines and picks, with mule and electric motor haulage. This mine is operated in connection with Colliery No. 10, the products of both mines being loaded from the same tipple. The mining laws are generally complied with.

TOM DAVIES, *Superintendent.* P. J. STANTON, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

BOWER.

No. 503. *No. 10.—Drift.*—Located at Bower, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to eight feet, with a slate roof which in some sections is of a dangerous character and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are well timbered. Ventilation is produced by a fan which furnishes sufficient air when properly distributed. There is but little water to contend with. Drainage generally good. Coal is mined by pick and electric mine machines. In some sections where the roof is especially bad the mine machines cannot be successfully operated, and where conditions of this kind exist the coal is mined by pick. This mine is operated in connection with Colliery No. 7, the products of both mines being loaded from the same tipple. Mule and electric motor haulage. The mining laws are generally complied with.

TOM DAVIES, *Superintendent.* P. J. STANTON, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

BOWER.

No. 504. *No. 11.—Drift.*—Located at Copen, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from five to eight feet, with a slate roof, which is bad in some sections, requiring careful attention, and to be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. This mine is practically worked out, with the exception of pillar work. The coal is all mined by pick, with mule and electric motor haulage. This mine is ventilated by a fan which gives sufficient ventilation for the development. The mining laws are generally complied with.

TOM DAVIES, *Superintendent.* W. H. PRESSON, *Mine Foreman.*

CLAY COUNTY.

ELK RIVER COAL AND LUMBER COMPANY.

WIDEN.

No. 505. *Rich Run.—Drifts.*—Located at Widen, on the Buffalo Creek and Gauley Railroad which connects with the Coal & Coke at Dundon, operating the No. 5 seam of coal, which has a thickness of six feet, with a slate roof, which is generally good. There are eight sets of drifts, the products of all being loaded from the same tipple. Ventilation is produced by fans, which gives a good system of ventilation throughout the mines. This mine produces about fifteen hundred tons per day. The coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally observed.

J. C. BRADLEY, *General Manager.* W. M. HORNSBY, *Mine Foreman.*
R. T. PRICE, *Superintendent.*

THE ELLIOTT SPLINT COAL COMPANY.

CLAY.

No. 506. *York No. 1.—Drift.*—Located one-half mile west of Clay, on the Coal & Coke Railroad, operating the Coalburg seam of coal, which varies in thickness from six to seven feet, including the slate parting which averages about twenty-four inches. The roof is slate and in some sections bad, requiring it to be well timbered to secure safety. There is but little water to contend with. Drainage good. Coal is mined by electric mine machines, with mule and motor haulage. Ventilation is produced by a fan, which furnishes sufficient air which is properly distributed throughout the mine. The mining laws are well observed at this mine.

C. L. VOGELSANG, *General Manager.* HARRY CHARLES, *Mine Foreman.*
H. E. TAYLOR, *Superintendent.*

QUEEN SHOALS COAL COMPANY.

QUEEN SHOALS.

No. 507. *Burnzwell.—Drift.*—Located near Queen Shoals, on the Coal & Coke Railroad, operating the No. 5 seam of coal, which varies in thickness from three to four feet, with a slate and sandstone roof, which is generally good. The ventilation is produced by a furnace, which furnishes sufficient air for the number of persons employed, as this is a very small development. The coal is mined by pick, with mule haulage. The mining laws are well observed. This mine has been abandoned now for about two months.

W. M. PRINCE, *General Manager.* H. Y. TUCKER, *Mine Foreman.*
W. R. MORRIS, *Superintendent.*

FAYETTE COUNTY.

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 508. *No. 2, North.—Drift.*—Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 1 Eagle seam, which has an average thickness of five and one-half feet, with a slate roof which in some sections is of a dangerous character, and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are well timbered. There is but little water to contend with. Drainage good. Some sections of the mine are especially dry and have to be regularly watered to allay the dust. Ventilation is produced by a fan which furnishes sufficient air when properly distributed to the working places. Considerable improvements have been made in the system of ventilation, during the past year. Coal is mined by picks and electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

MICHAEL GALLAGHER, *General Manager.* JOHN HUDDY, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 509. *No. 2, South.—Drift.*—Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 1 Eagle seam, which has an average thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character and must be well timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. There is but little water to contend with. The greater part of the mine being dry, in some sections it is necessary to properly water the dry and dusty sections. Ventilation is produced by a fan that furnishes sufficient air to properly ventilate the working sections. The coal is mined by pick and electric mine machines. In some sections where the roof is bad machines cannot be successfully operated, making it necessary to mine the coal by pick, with mule and electric motor haulage. These two

mines are connected by one tipple. The mining laws are generally complied with.
MICHAEL GALLAGHER, *General Manager.* JOHN LONG, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 510. *No. 4.—Drift.*—Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam, which has an average thickness of five and one-half feet, with a slate roof which is generally good, there being only a few places that have to be given careful attention. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan, which furnishes sufficient air and is properly distributed throughout the mine. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are well complied with.
MICHAEL GALLAGHER, *General Manager.* JOHN ELSWICK, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 511. *No. 5.—Drift.*—Located about one-fourth of a mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam, which has an average thickness of five and one-half feet, with a slate roof, which is generally good. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan which furnishes sufficient air, and is properly distributed throughout the mine. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.
MICHAEL GALLAGHER, *General Manager.* PARK STONE, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 512. *No. 2 North.—Drift.*—Located on the Cannelton Railroad, one mile east of Cannelton, operating the No. 2 Gas seam of coal, which has an average thickness of six and one-half feet, with a slate roof, which is good with few exceptions. The mine is well timbered and close attention is given to any conditions that might become in any way dangerous to the employees. In some sections of the mine there is considerable water to contend with. Drainage good. Ventilation is produced by a fan that furnishes sufficient air which is properly distributed throughout the mine. A number of the headings liberate explosive gas in small quantities. Over-casts have been constructed to give the required splits in the air current, which gives a good system of ventilation throughout the mine. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are fully complied with.
W. C. FRANZ, *Genl. Manager.* W. M. THOMPSON, *Mine Foreman.*
F. O. HARRIS, *Genl. Superintendent.*
HENRY DEEM, *Asst. Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 513. *No 2 South.—Drift.*—Located on the Cannelton Railroad one mile east of Cannelton, operating the No. 2 Gas seam of coal, which has a thickness of five feet. The roof is slate and very good. There is but little water to contend with. Drainage good. Ventilation is produced by a fan which furnishes sufficient air and is properly distributed throughout the mine. Coal is mined by an electric mine machine, with mule and electric motor haulage. The products of Mine No. 2 North and No. 2 South are loaded from the same tipple. The mining laws are generally complied with.

W. C. FRANZ, *Genl. Manager.* W. M. THOMPSON, *Mine Foreman.*
F. O. HARRIS, *Superintendent.*
HENRY DEEM, *Asst. Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 514. *No. 4.—Drift.*—Located about one and one-half miles east of Cannelton, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam of coal, which has a thickness of about five feet. The roof is slate, and is very good. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are fully complied with.

W. C. FRANZ, *Genl. Manager.* FRANK SILVEY, *Mine Foreman.*
F. O. HARRIS, *Superintendent.*
HENRY DEEM, *Asst. Superintendent.*

COLUMBUS IRON & STEEL COMPANY.

MARTING.

No. 515. *No. 1.—Drift.*—Located at Marting, four miles east of Smithers, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam of coal, which varies in thickness from four to seven feet. In some sections where the coal is seven feet thick there is usually a slate parting varying in thickness from four to twenty-four inches. The roof is slate and is generally good, with the exception of a few places which have to be given special attention and must be properly timbered to insure safety. There is but little water to contend with, as the greater part of the mine is dry, requiring the use of water to allay the dust. In addition to the use of water, during the winter season the steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. Ventilation is produced by a 10-foot fan, which would furnish proper ventilation, but air-ways and stoppings being in bad condition, the ventilation at working faces is very poor, and does not meet with the requirements of the mining law. The coal is principally mined with electric mine machines, with mule and electric motor haulage. There are eighty two coke ovens at this place. On my last inspection they were working men night and day in order to get ventilation up to the requirement of the mining law.

J. H. FRANTZ, *Genl. Manager.* MODEST DEPORTER, *Mine Foreman.*
J. D. JONES, *Superintendent.*

W. R. JOHNSON COAL COMPANY.

LONGACRE.

No. 516. *Oakland No. 2.—Drift.*—Located at Oakland, on the main line of the K. & M. Railroad, operating the No. 2 Gas seam of coal, which varies in thickness from four to five and one-half feet, with slate roof, which is generally good. The mine is practically dry, having but little water to contend with. Ventilation is produced by a fan with good results. Coal is mined by pick and electric mine machines. All being pillar work, it is mined mostly by pick, with mule and electric motor haulage. The mining laws are generally observed.

W. R. JOHNSON, *Genl. Manager.* OSCAR SPENCER, *Mine Foreman.*
W. H. BRIDGETT, *Superintendent.*

SUNDAY CREEK COMPANY.

CARBONDALE.

No. 517. *No. 111.—Drift.*—Located at Carbondale, on a branch of the K. & M. Railroad, one-half mile east of Smithers, operating the No. 2 Gas seam of coal, which varies in thickness from four and one-half feet to five and one-half feet. The roof is slate and generally good. There is but little water to contend with. Drainage good. In some sections of the mine it is necessary to apply water to allay the dust. During the winter season steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. Ventilation is produced by a fan which furnishes sufficient air which is properly distributed. Coal is mine by electric mine machines, with mule, electric motor and rope haulage. The mining laws are generally complied with. There are one hundred and two coke ovens at this place, but have not been in operation for the last two years.

W. F. MANDT, *Superintendent.* LEE JENKINS, *Mine Foreman.*

SUNDAY CREEK COMPANY.

CARBONDALE.

No. 518. *No. 112.—Drift.*—Located one and one-half miles east of Smithers, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam, which varies in thickness from four to five feet, with a slate roof, which is generally good. Ventilation is produced by a fan which furnishes sufficient air and is properly distributed throughout the mine. The greater part of the mine is dry, and some sections have to be watered to allay the dust. Coal is mined by electric mine machines, with electric motor haulage. The general conditions are good throughout the mine. The mining laws are generally complied with. During the winter season steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. There are two hundred coke ovens at this place, but have not been in operation for the last two years.

W. F. MANDT, *Superintendent.* CLEAVE MARTIN, *Mine Foreman.*

SUNDAY CREEK COMPANY.

LONGACRE.

No. 519. *No. 114.—Drift.*—Located at Longacre, on the main line of the K. & M. Railroad, operating the No. 2 seam of coal, which has an average thickness of five feet. The roof is slate and generally good. There is but little water to contend with. Drainage good. Ventilation is produced by fans with good results. During the year they changed the haulway from mine No. 115 through to mine No. 114, and consolidated the two mines, calling them No. 114. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with. There are one hundred and fifteen coke ovens at this place, but have not been in operation for the last two years. During the winter season steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity.

W. F. MANDT, *Superintendent.* W. T. MARTIN, *Mine Foreman.*

GILMER COUNTY.

COPEN CREEK COAL COMPANY.

GILMER.

No. 520. *Vanwith.—Drift.*—Located between Copen and Bower, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to seven feet. The roof is slate, and in some sections it is bad, requiring careful attention and a proper system of timbering to insure safety. There is but little water to contend with. They have installed electricity at this mine within the last year. The mine is ventilated by a fan, which produces sufficient ventilation for the mine. The coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

H. H. PRICE, *Mine Foreman.*

GILMER FUEL COMPANY.

GILMER.

No. 521. *Gilmer.—Drift.*—Located at Gilmer, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to eight feet, with a slate roof, which in some sections is of a dangerous character and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are well timbered. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan, which gives sufficient ventilation. Coal is mined principally by punching machines, operated by compressed air, with mule haulage. The mining laws are well observed.

W. H. MATHENY, *Superintendent and Mine Foreman.*

McCAA COAL COMPANY.

GILMER.

No. 522. *No. 1.—Drift.*—Located at Gilmer, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to eight feet. The roof is slate, and of a character that must be properly timbered to insure safety. There is considerable water to contend with in this mine, but they have a good system of drainage. This mine is ventilated by a fan, which gives good results throughout the mine. Coal is mined by electric mine machines, with electric motor haulage. The mining laws are well observed.

J. M. CAMPBELL, *Superintendent.* JAMES HENSON, *Mine Foreman.*

GREENBRIER COUNTY.

ELK LICK COAL COMPANY.

RICHWOOD.

No. 523. *Spruce Knob.—Drift.*—This mine is located 12 miles south of Richwood, on the railroad owned by the Cherry River Boom & Lumber Company, and used for the purpose of hauling their logs to the mill; operating the Sewell seam of coal. The mine is opened on the double-entry system. The current which ventilates the mine is produced by a centrifugal fan which is directly connected to a steam engine. It is conducted to the working faces by means of substantial stoppings, doors, etc. The roof is exceedingly good in most sections of the mine, and but little trouble is experienced from falls, etc., in the working places. No gas liberates from the coal. No dust of dangerous character found in the mine. The undercutting is done with picks. It is blasted with black powder and gathered and hauled to the tipple by mules, where it is dumped into railroad cars. The mine is capable of producing from 200 to 300 tons daily. Drainage is bad in some sections on account of local dips, etc. The mining laws are being observed.

H. W. ARMSTRONG, *Genl. Manager.* HARRY P. JONES, *Superintendent and Mine Foreman.*

KANAWHA COUNTY.

BLUE CREEK COAL & LAND COMPANY.

BLAKELEY.

No. 524. *Will's Hollow No. 2.—Drift.*—Located one mile west of Blakeley, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which has an average thickness of four and one-half feet, with a slate and sandstone roof, which is generally good. In some sections of the mine they have some water to contend with. Drainage good. Ventilation is produced by a fan, with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The products of this mine were loaded from the same tipple as the No. 1 Mine. No. 1 Mine has not been in operation for the past three or four years. The mining laws are generally complied with.

WILLIAM CRICHTON, JR., *Superintendent.* HARRY ROWLAND, *Mine Foreman.*

BLUE CREEK COAL & LAND COMPANY.

BLAKELEY.

No. 525. *Blakeley No. 3.—Drift.*—Located at Blakeley, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet, with a slate and sandstone roof, which in some sections is bad, especially where there is a draw-slate, varying in thickness from four to twelve inches, which must be taken down or properly timbered to insure safety. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan, with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

WILLIAM CRICHTON, JR., *Superintendent.* A. W. DEWITT, *Mine Foreman.*

BLUE CREEK COAL & LAND COMPANY.

BLAKELEY.

No. 526. *Blakeley No. 4.—Drift.*—Located at Blakeley, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet, with a slate and sandstone roof, which is good. Drainage is good. Ventilation is produced by a fan with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. This mine is opened up on the triple entry system, and plan for very extensive operation. The mining laws are generally observed.

WILLIAM CRICHTON, JR., *Superintendent and Mine Foreman.*

CAMPBELLS CREEK COAL COMPANY.

PUTNEY.

No. 527. *No. 1.—Drift.*—Located at Putney, on the Campbell's Creek Railroad, operating the No. 5 seam of coal, which varies in thickness from five to six feet, with a slate roof that has to be properly timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air that is properly distributed throughout the mine. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

W. V. RENSFORD, *Superintendent.* ANDREW CALDERWOOD, *Mine Foreman.*

CAMPBELLS CREEK COAL COMPANY.

PUTNEY.

No. 528. *No. 3.—Drift.*—Located at Putney, on the Campbells Creek Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five and one-half feet, with slate and sandstone roof, which is good with the exception of a few places where the roof is slate, which has to be well timbered to insure safety. There is little water to contend with. Drainage good. Ventilation is produced by a fan with good results. Coal is mined by electric mine machine, with mule and electric haulage. The mining laws are generally observed.

W. V. RENSFORD, *Superintendent.* ANDREW CALDERWOOD, *Mine Foreman.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 529. *No. 1.—Drift.*—Located one mile east of Cannelton on the Cannelton Railroad, operating the No. 2 gas seam of coal, which has a thickness of six and one-half feet, with a slate roof which is generally good, there being only a few places that must be carefully timbered to insure safety. In some sections of the mine there is considerable water to contend with. Drainage good. Ventilation is produced by a fan which furnishes sufficient air for a proper system of ventilation.

Coal is mined by picks and electric mine machines, with mule and electric motor haulage. The mine officials, superintendent and mine foreman give careful attention to the safety of the mine. A very small quantity of explosive gas is liberated and this is given close attention by a competent man. The mining laws are generally observed.

W. C. FRANZ, *General Manager.* TOM CUNNINGHAM, *Mine Foreman.*
F. O. HARRIS, *General Superintendent.*
HENRY DEEM, *Assistant Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 530. *No. 3.—Drift.*—Located on the Cannelton Railroad, one-half mile east of Cannelton, operating the No. 1 Eagle seam of coal, which has a thickness of four and one-half feet. The roof is slate and generally good. The mine is practically dry. Ventilation is produced by a fan, with good results. Coal is mined by electric mine machines, with electric motor haulage. The mining laws are well observed.

W. C. FRANZ, *General Manager* J. T. GARDNER, *Mine Foreman.*
F. O. HARRIS, *General Superintendent.*
HENRY DEEM, *Assistant Superintenaent.*

THE HACKETT COAL COMPANY.

CEDAR GROVE.

No. 531. *Hackett.—Drift.*—Located at Cedar Grove, on the main line of the Kanawha & Michigan Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet. The roof is of slate and sandstone, and in some sections is bad, especially in sections where there is slate roof. There is some water to contend with. The system of drainage is good. Ventilation is produced by natural causes, which gives sufficient ventilation for the number of men employed. Coal is pick mined, with mule haulage. The mining laws are very well observed.

JAMES HACKETT, *Superintendent.* JAMES MARTIN, *Mine Foreman.*

KELLEY'S CREEK COLLIERY COMPANY.

WARD.

No. 532. *No. 1.—Drift.*—Located at Ward, on the Kelley's Creek & Northwestern Railroad, operating the Coalburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which is generally good, and the working places are properly timbered. Ventilation is produced by a fan, which furnishes sufficient air that is properly distributed throughout the mine. There is but little water to contend with. Drainage good. Coal is mined by electric mine machines, with mule and motor haulage. The mining laws are well complied with.

J. W. DAWSON, *General Manager.* HENRY E. VAUGHAN, *Mine Foreman.*
CHARLES C. GRESSAG, *Superintendent.*

KELLEY'S CREEK COLLIERY COMPANY.

WARD.

No. 533. *No. 3.—Drift.*—Located at Ward, on the Kelley's Creek & Northwestern Railroad, operating the Coalburg seam of coal, which has a thickness of five and one-half feet, with slate roof, which in some sections is of a dangerous character, especially where there is a draw-slate that varies in thickness from six to fifteen inches, which has to be taken down or properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. There is but little water to contend with. Drainage good. Ventilation is produced by two fans, with good results, as the system of development is such that each fan has a separate intake and return air-way. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

J. W. DAWSON, *General Manager.* JOHNIE SHEARS, *Mine Foreman.*
CHARLES C. GRESSANG, *Superintendent.*

THE MARMET COAL COMPANY.

MONARCH.

No. 534. *Monarch No. 2.—Drift.*—Located at Monarch, on the main line of the K. & M. Railroad, operating the Cedar Grove seam of coal, which has an average thickness of three and one-half feet, with a slate roof, and with few exceptions is good. The mine is practically dry. Some sections have to be watered to allay the dust. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with. Ventilation is produced by a fan, which furnishes sufficient air for the number of persons employed.

TOM OLIVER, *Superintendent.* J. A. NEYLON, *Mine Foreman.*

MORRIS FORK COAL COMPANY.

HEATHERMAN.

No. 535. *Turner Nos. 1 and 2.—Drifts.*—Located one mile east of Turner, on a branch of the Coal & Coke Railroad, operating the No. 5 seam of coal, which varies in thickness from three to three and one-half feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan, with good results. There is but little water to contend with. Drainage good. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally observed. The products of both of these mines are loaded from the same tipple.

J. D. STEELE, *Genl. Manager.* FRED MANDT, *Mine Foreman.*
J. W. MANDT, *Superintendent.*

PEACOCK COAL COMPANY.

BIG CHIMNEY.

No. 536. *Peacock.—Drift.*—Located at Bream, about six miles east of Charleston, on the Coal & Coke Railroad, operating the Coalburg seam of coal, which has a thickness of about four and one-half feet, with a slate roof which is generally good. Ventilation is produced by a furnace which furnishes sufficient air for the number of persons employed. There is but little water to contend with. Drainage good. Coal is pick mined with mule haulage. This mine is operated on a cheap scale, and has not done very much for the last year.

E. H. JOHNSON, *Superintendent and*
Mine Foreman.

PEN MAR MINING COMPANY.

BREAM.

No. 537. *Pen Mar.—Drift.*—Located at Bream, seven miles east of Charleston, on the Coal & Coke Railroad, operating the Coalburg seam of coal, which has a thickness of five feet, with a slate roof, which is generally good. Ventilation is produced by a three foot fan, run by gasoline, which furnishes sufficient air for the number of persons employed. This mine going to the dip makes drainage bad. Coal is pick mined, with mule haulage. This mine is operated on a cheap scale.

JACOB HOUSEHOLDER, *Superintendent and*
Mine Foreman.

QUINCY COAL COMPANY.

QUINCY.

No. 538. *No. 1.—Drift.*—Located one mile east of Dickinson, on a branch of the K. & M. Railroad, operating the No. 2 Gas seam of coal, which varies in thickness from three and one-half to four feet, with a slate roof, which is generally good. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air to meet requirements of the law. Coal is mined by electric mine machines, with electric motor haulage. The mining laws are generally observed.

JOHN L. DICKINSON, *Genl. Manager.* H. H. FLETCHER, *Superintendent and Mine Foreman.*

QUINCY COAL COMPANY.

QUINCY.

No. 539. *No. 2.—Drift.*—Located one mile east of Dickinson, on a branch of the K. & M. Railroad, operating the No. 5 seam of coal, which has a thickness of five and one-half feet, with a slate roof, which is generally good. In some sections there is considerable water to contend with. Drainage generally good. Ventilation is produced by a fan, which furnishes sufficient air to meet the requirements of the law. Coal is mined by electric mine machines, with mule and electric haulage. The mining laws are generally complied with.

JOHN L. DICKINSON, *Genl. Manager.* JAMES HEMMINGS, *Mine Foreman.*
H. H. FLETCHER, *Superintendent.*

STANDARD KANAWHA COAL MINING COMPANY.

QUICK.

No 540. *No. 1.—Drift.*—Located at Roderick, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which has an average thickness of four and one-half feet, with a slate and sandstone roof, which is generally good. In some sections of the mine there is some water to contend with. The system of drainage is good. Ventilation is produced by a fan, with good results. The coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

A. W. BLACK, *Superintendent.* W. E. DAVIS, *Mine Foreman.*

STANDARD KANAWHA COAL MINING COMPANY.

SANDERSON.

No. 541 *No. 2.—Drift.*—Located at Morris, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which has a thickness of five feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan, with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. This mine has been worked out and abandoned within the last few months. The mining laws were well observed.

A. W. BLACK, *Superintendent.* J. M. ROSS, *Mine Foreman.*

SUNDAY CREEK COMPANY.

SHREWSBURY.

No. 542. *No. 101.—Drift.*—Located at Shrewsbury, on the main line of the K. & M. Railroad, operating the No. 5 seam of coal, which has a thickness of five feet, with sandstone and slate roof, which is good with few exceptions, where there is draw-slate which must be taken down or properly timbered to insure safety. Ventilation is produced by a fan, and is generally good, there being several openings near the advanced workings. There is a considerable quantity of water to contend with. The system of drainage is poor, as the conditions are such that it would make it very expensive to maintain a proper system of drainage. Coal is mined by electric

mine machines, with mule and electric motor haulage. With the exceptions of a poor system of drainage, the mining laws are well observed.
CARL ROBINSON, *Superintendent.* T. J. KENNEDY, *Mine Foreman.*

SUNDAY CREEK COMPANY.

CEDAR GROVE.

No. 543. *No. 104.—Drift.*—Located near Cedar Grove, on the Kelley's Creek Railroad, operating the Coalburg seam of coal, which has an average thickness of five feet, with a slate and sandstone roof, and all the sections where the roof is slate have to be properly timbered to insure safety. There is little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air and is properly distributed throughout the mine. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are well observed.
CARL ROBINSON, *Superintendent.* J. W. FRAIZER, *Mine Foreman.*

SUNDAY CREEK COMPANY.

MAMMOTH.

No. 544. *No. 105.—Drift.*—Located at Mammoth, on the Kelley's Creek Railroad, operating the Coalburg seam of coal, which varies in thickness from four and one-half to six feet, with slate roof, which is generally good, with the exception of a few places. There is little water to contend with. Drainage good. Ventilation is produced by a fan, which gives good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.
CARL ROBINSON, *Superintendent.* J. W. FRAIZER, *Mine Foreman.*

SUNDAY CREEK COMPANY.

MAMMOTH.

No. 545. *No. 108.—Drift.*—Located at Mammoth, on the Kelly's Creek Railroad, operating the Coalburg seam of coal, which varies in thickness from four and one-half to five feet, with slate roof, which is generally good, with the exception of a few places. There is little water to contend with. Drainage good. Ventilation is produced by a fan, which gives good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.
CARL ROBINSON, *Superintendent.* CLEAVE MARTIN, *Mine Foreman.*

VILLA COAL & MINING COMPANY.

VILLA.

No. 546. *Mill Creek.—Drift.*—Located at Villa, on a narrow gauge road four and one-half miles from the main line of the Coal & Coke Railroad, operating the Cannel coal seam, which varies in thickness from eighteen inches to four feet, with a slate roof, which in some sections is bad. System of drainage poor. Within the last year, they have installed a new fan, which gives a good system of ventilation. Coal is practically all shot from the solid. The coal is hauled to the outside by mules, and from that point is delivered to the tipple on the main line of the Coal & Coke, by steam locomotive. This mine has not run for a long time, and Mr. Jepson, the Superintendent, has left; therefore there is no one in charge there but Mr. Matheney, the Mine Foreman.
HENRY MATHENEY, *Mine Foreman.*

VIRGINIA COAL COMPANY.

COAL FORK.

No. 547. *Virginia.—Drift.*—Located at Coal Fork, on Campbell's Creek, operating the Campbell's Creek seam of coal, which has a thickness of four feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan, which furnishes sufficient air for the number of persons employed. In some sections of the mine they have considerable quantity of water to contend with, and drainage is bad. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are well observed.

THOMAS A. KAY, *General Manager.* GEORGE EARY, *Mine Foreman.*
J. E. GRIFFITH, *Superintendent.*

VIRGINIA COAL COMPANY.

COAL FORK.

No. 548. *Virginia No. 2.—Slope.*—Located at Coal Fork on Campbell's Creek, operating the Campbell's Creek seam of coal, which has a thickness of about three and one-half feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan, which furnishes sufficient air for the number of persons employed. They have considerable water to contend with in this mine, and finally had to abandon work in this mine. Coal is mined by electric mine machines, with electric motor haulage. The mining laws were very well observed, with the exception that they did not have a second opening.

THOMAS A. KAY, *General Manager.* GEORGE EARY, *Mine Foreman.*
J. E. GRIFFITH, *Superintendent.*

MASON COUNTY.

HARTFORD COAL & SALT COMPANY.

HARTFORD.

No. 549. *Hartford.—Drift.*—Located at Hartford, on the Baltimore & Ohio Railroad, operating the Pittsburg seam of coal, which varies in thickness from four and one-half to five feet, with a slate and sandstone roof, which in some sections is of a very dangerous character, and has to be properly timbered to insure safety. The system of drainage is by pumps and is very good. Ventilation is produced by a ten-foot fan, which gives very good results. This operation was known by the J. M. & D. E. Newton Company, but during the year they changed it to the Hartford Coal & Salt Company. The coal is mined by electric machines, with mule and electric motor haulage. The mining laws are generally complied with.

W. H. NEWTON, *Superintendent.* J. W. RAY, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

MASON.

No. 550. *Linden No. 3.—Drift.*—Located one mile east of Mason on the Baltimore & Ohio Railroad, operating the Pittsburg seam of coal, which has a thickness of about four and one-half feet, with a slate roof, which in some sections is of a very bad character, and has to be well timbered to insure safety. Ventilation is produced by a fan and is generally good. In some sections of the mine there is considerable water to contend with. Drainage good. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are well observed.

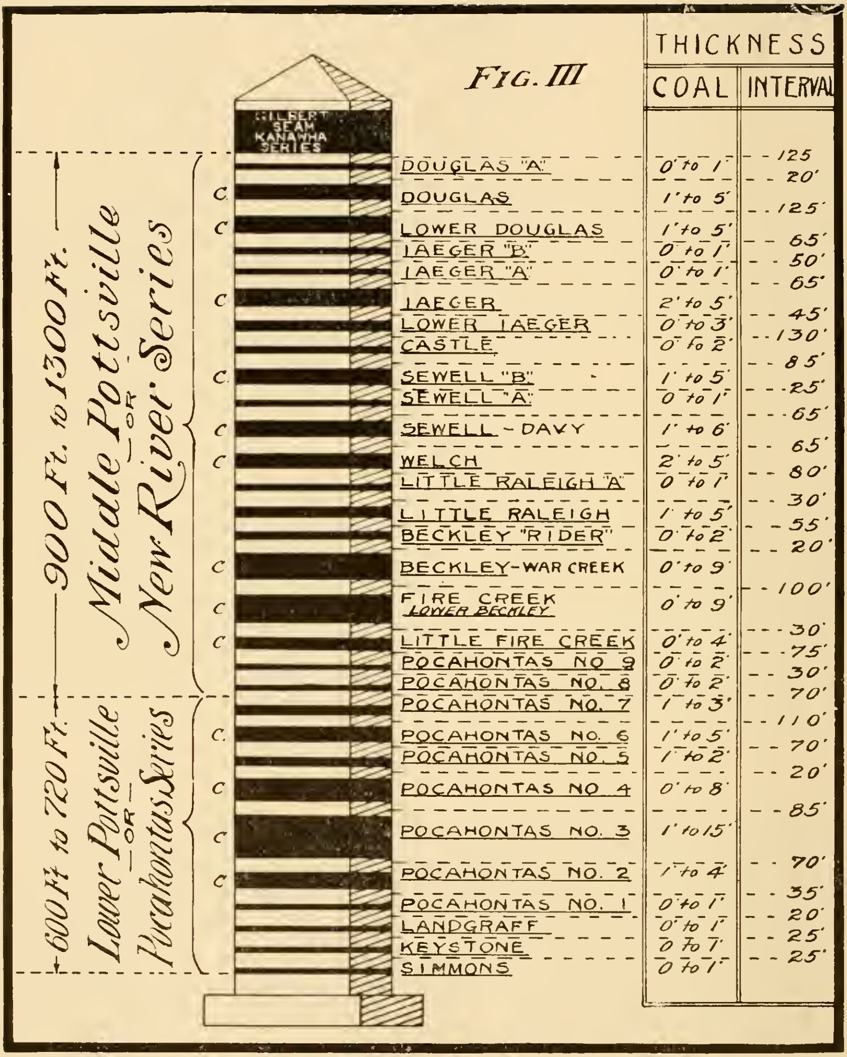
JAKE PHILLIPS, *Superintendent.* FRED WEISS, *Mine Foreman.*

JACKSON COAL & MINING COMPANY.

HARTFORD.

No. 551. *Jackson Furnace.—Drift.*—Located at Hartford, on the line of the Baltimore & Ohio Railroad, operating the Pittsburg seam of coal, which has a thickness of about five feet, with a slate roof, which is generally good. Ventilation is produced by a twelve-foot fan, which furnishes sufficient ventilation for this

FIG. III


THICKNESS
COAL
INTERVAL
GILBERT SEAM KANAWHA SERIES
900 Ft. to 1300 Ft.
Middle Pottsville OR New River Series
600 Ft to 720 Ft.
Lower Pottsville OR Pocahontas Series
C
DOUGLAS "A" 0' to 1'
DOUGLAS 1' to 5'
LOWER DOUGLAS 1' to 5'
IAEGER "B" 0' to 1'
IAEGER "A" 0' to 1'
IAEGER 2' to 5'
LOWER IAEGER 0' to 3'
CASTLE 0' to 2'
SEWELL "B" 1' to 5'
SEWELL "A" 0' to 1'
SEWELL - DAVY 1' to 6'
WELCH 2' to 5'
LITTLE RALEIGH "A" 0' to 1'
LITTLE RALEIGH 1' to 5'
BECKLEY "RIDER" 0' to 2'
BECKLEY - WAR CREEK 0' to 9'
FIRE CREEK LOWER BECKLEY 0' to 9'
LITTLE FIRE CREEK 0' to 4'
POCAHONTAS NO 9 0' to 2'
POCAHONTAS NO. 8 0' to 2'
POCAHONTAS NO. 7 1' to 3'
POCAHONTAS NO. 6 1' to 5'
POCAHONTAS NO. 5 1' to 2'
POCAHONTAS NO 4 0' to 8'
POCAHONTAS NO. 3 1' to 15'
POCAHONTAS NO. 2 1' to 4'
POCAHONTAS NO. 1 0' to 1'
LANDGRAFF 0' to 1'
KEYSTONE 0' to 1'
SIMMONS 0' to 1'
125
20'
125'
65'
50'
65'
45'
130'
85'
25'
65'
65'
80'
30'
55'
20'
100'
30'
75'
30'
70'
110'
70'
20'
85'
70'
35'
20'
25'
25'

mine. In some sections of the mine there is large quantities of water, which is well taken care of by a system of ditches and pumps. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally complied with.

E. A. SMITH, *Superintendent.* EARL EWING, *Mine Foreman.*

NICHOLAS COUNTY.

PARDEE & CURTIN LUMBER COMPANY.

CURTIN.

No. 552. *Hominy.—Drift.*—This mine is located six miles south of Curtin, on a log railroad owned and operated by the lumber company, and operating the Sewell seam of coal. It is opened up on the double-entry system. The ventilating current is produced by a furnace. The roof is of a good character. No gas liberates from the coal and no dust found in the mine, which is of dangerous character. The coal is undercut by picks, pushed by hand to the rope by the miners, from where it is hoisted to the drift mouth by means of head rope. From there it is lowered by traction to the bins into which it is dumped for local use of the operating lumber company. The drainage is bad on account of work going to the dip. The capacity of the mine is small and is regulated by the needs of the lumber company, which use the coal for their locomotives. The mining laws are observed in important matters.

G. W. CURTIN, *General Manager.* A. W. SMITH, *Mine Foreman.*

PARDEE & CURTIN LUMBER COMPANY.

CURTIN.

No. 553. *Panther.—Sewell Seam—Slope.*—Located six miles south of Curtin, on a log railroad owned and operated by the lumber company. It is opened on the double entry system. The ventilation is produced by a furnace. The roof is very good. No gas liberates from the coal. The coal is undercut by picks, gathered by the miners to the rope and from there it is hauled by head rope system to the tipple and dumped into bins for local use for the locomotives used by the lumber company. The mining laws are observed in important matters. The capacity of the mine is small, from 50 to 100 tons daily. Drainage good.

G. W. CURTIN, *General Manager.* J. M. BOGGS, *Mine Foreman.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 554. *No. 1.—Drift.*—This mine is located 2 miles south of Fenwick, on a railroad belonging to the Fenwick Lumber Company, operating the Sewell seam of coal. It is opened up on the double-entry system. The current which ventilates the workings is produced by a centrifugal fan with electric connections. The roof is bad and requires careful attention as to timbering to prevent falls, accidents, etc. The coal is undercut by electric machines of the chain type, and it is blasted by both black and permissible explosives. It is gathered and hauled to the tipple by electric motor, where it is dumped into the railroad cars. The mining laws are observed, and no gas liberates from the coal, nor dust of a dangerous character, when properly looked after. The capacity of this mine is hard to estimate on account of local conditions, such as thinning out of the coal, etc., but will vary from 200 to 400 tons daily. Drainage is good throughout the mine.

G. R. SAXMAN, *General Manager.* J. H. PETERS, *Mine Foreman.*
P. M. SAXMAN, *Superintendent.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 555. *No. 2.—Drift.*—This mine is located two miles south of Fenwick, on a railroad owned by the Fenwick Lumber Company, and operating the Sewell seam of coal. It is opened and developed on the double-entry system, and the current which ventilates the mine workings is produced by a centrifugal fan with electric connections. The roof is very bad and requires careful attention daily as to timbering, blasting, etc., to prevent falls and accidents. No gas liberates from the coal, and no dust of dangerous character found. The coal is undercut by electric machines of the chain type. It is blasted with permissible and black powder. It is gathered and hauled to the tipple by electric motor. This tipple is used by both No. 1 and No. 2 mines, and the output of both mines is dumped into railroad cars in conjunction with each other. The mining laws are being observed in important matters. The capacity of the mine cannot be accurately estimated on account of the pinching out of the coal and other local conditions. However, it is capable of producing about the same tonnage as that of No. 1 mine. Drainage good.

G. R. SAXMAN, *General Manager.* J. H. PITTER, *Mine Foreman.*
P. M. SAXMAN, *Superintendent.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 556. *No. 3.—Drift.*—This mine is located three miles south of Fenwick, on a railroad owned by the Fenwick Lumber Company, operating the Sewell seam of coal. It is opened up on the double-entry system, and the ventilation is produced by an open grate. The roof is of the same character as described in Nos. 1 and 2 mines, belonging to the same company, and located one mile north of this mine. The development is very small, it being confined to entry work for prospecting, etc. The coal is produced with picks, so no machinery is installed. It is gathered and hauled to the dump by a mule. The capacity of the mine is of a negligible quantity. The water is handled by a pump, which is operated by the steam locomotive when it makes its trip to the mine.

G. R. SAXMAN, *General Manager.* E. S. BUZZARD, *Mine Foreman.*
P. M. SAXMAN, *Superintendent.*

PUTNAM COUNTY.

BLACK BETSEY COAL & MINING COMPANY.

BLACK BETSEY.

No. 557. *No. 2.—Drift.*—Located at Black Betsey, on the Kanawha & Michigan Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, the roof is slate, and in some sections is of a dangerous character, and has to be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. In some sections of the mine they have considerable surfacewater to contend with. Drainage good. Ventilation is produced by a fan, which is generally good. Coal is all mined by pick, with mule and electric motor haulage. This mine is about finished. They are working about six or eight men on pillar work. The mining laws are generally complied with.

THOMAS W. WOODARD, *Genl. Manager and Superintendent.* CHARLES SANTROCK, *Mine Foreman.*

BLACK BETSEY COAL & MINING COMPANY.

BLACK BETSEY.

No. 558. *No. 3.—Drift.*—Located at Black Betsey, on the Kanawha & Michigan Railroad, operated in connection with No. 2 mine, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character, and must be properly timbered to insure safety. As a rule the miners are well supplied with timber, and the working places properly timbered. There is but little water to contend with; drainage good. Ventilation is produced by a fan, with good results. Coal is all pick mined, with mule and electric motor haulage. The product of the No. 2 and No. 3 mines is loaded from the same tipple. The mining laws are generally well complied with.

THOMAS W. WOODARD, *Genl. Manager and Superintendent.* CHARLES SANTROCK, *Mine Foreman.*

OAK FOREST COAL COMPANY.

WINFIELD.

No. 559. *Oak Forest.—Slope.*—Located at Oak Forest, on the south side of Kanawha River, three miles south of Winfield, operating the Pittsburg seam of coal, which varies in thickness from three and one-half to four feet. The roof is slate and generally good, with the exception of a few places where clay veins are encountered, which causes the roof to be faulty. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air to meet the full requirements of the law. The mine is operated on a small scale and has only been in operation at irregular intervals during the past year. Coal is mined by electric mine machines, with electric motor haulage. The second opening is a shaft seventy feet in depth, which is used as a return air course and equipped with a ladder which does not fully comply with the law, for a second opening shall be equipped with stairs or hoisting machinery. With the above exceptions the mining laws are well observed.

D. L. THOMAS, *Genl. Manager and Mine Foreman.*

THE OTTO MARMET COAL & MINING COMPANY.

RAYMOND CITY.

No. 560. *Big Otto No. 1.—Drift.*—Located on Harmon's Creek, five miles east of Raymond City, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character, and has to be given close attention to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. There is but little water to contend with; drainage good. Ventilation is produced by a fan, and is generally good. Coal is pick mined, with mule and electric motor haulage. The mining laws are well observed.

EDWARD SCHONEBAUM, *Genl. Manager. and Superintendent.* ANDREW UTT, *Mine Foreman.*

THE OTTO MARMET COAL & MINING COMPANY.

RAYMOND CITY.

No. 561. *Big Otto No. 3.—Drift.*—Located on Harmon's Creek, five miles east of Raymond City, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character, and must be well timbered to insure safety The miners are well supplied with timber, and as a rule the working places are properly timbered. The miners who work in the mines in Putnam county are principally all practical miners and thoroughly understand the necessity of a proper system of timbering to protect themselves from a roof of the character that exists throughout this section. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, with good results. Coal is mined by pick and hauled by mule and electric motors to the mine tipple; from that point the coal is delivered to the river and railroad tipple by steam locomotives, the products of both of these mines being loaded from the same tipple. The mining laws are generally complied with.

EDWARD SCHONEBAUM, ***Genl. Manager. and Superintendent.*** **CHARLES CAWLEY,** ***Mine Foreman.***

PLYMOUTH COAL & MINING COMPANY.

PLYMOUTH.

No. 562. *Alpha.—Drift.*—Located at Plymouth on the K. & M. Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character and has to be well timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. Ventilation is produced by a fan and is generally good. There is but little water to contend with; drainage good. Coal is pick mined and conveyed by mule, electric motor and rope haulage to the outside, from which point it is hauled by steam locomotive to the railroad and river tipples. The mining laws are generally observed.

W. C. MITCHELL, *Superintendent.* CHARLES HUMPHREYS, *Mine Foreman.*

PLYMOUTH COAL & MINING COMPANY.

PLYMOUTH.

No. 563. *Manila.—Drift.*—Located at Plymouth, and operated in connection with the Alpha mine, the products of both of these mines being loaded from the same tipple. The Pittsburg seam of coal which has a thickness of five and one-half feet is operated. The roof is slate. and in some sections is dangerous, and has to be well timbered to insure safety. The miners are generally well supplied with timber, and as a rule the working places are properly timbered. Ventilation is produced by a fan with good results. In some sections of the mine there is considerable water to contend with. Drainage good. The coal is pick mined, with mule, electric motor and rope haulage. The mining laws are well observed.

W. C. MITCHELL, *Superintendent.* ROBERT FIELDS, *Mine Foreman.*

PLYMOUTH COAL & MINING COMPANY.

PLYMOUTH.

No. 564. *No. 4.—Drift.*—Located at Plymouth, and operated in connection with the Alpha and Manila mines, the products being loaded from the same tipple. The Pittsburg seam of coal which has a thickness of five and one-half feet is operated. The roof is slate, and in some sections is dangerous, and has to be well timbered to insure safety. The miners are generally well supplied with timber, and as a rule the working places are properly timbered. Ventilation is produced by a fan, with good results. This mine was robbed, and has been finished and abandoned for about two months. Coal is pick mined, with mule, electric motor and rope haulage. The mining laws are well observed.

W. C. MITCHELL, *Superintendent.* ROBERT FIELDS, *Mine Foreman.*

SIXTH DISTRICT.

GENERAL SUMMARY FOR THE SIXTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Boone....	9	4	......	390	55	130	575	107	......	107	682	575,835	....
Kanawha. (Part)	3	....	3	129	20	52	204	38	......	38	242	149,301	....
Lincoln...	2	....	......	30	14	15	59	11	......	11	70	41,966	....
Logan....	80	19	192	3,283	463	1,340	5,278	843	......	843	6,121	6,307,286	....
Raleigh... (Part)	4	....	87	360	38	161	646	113	......	113	759	722,619	....
Totals....	98	23	282	4,192	590	1,698	6,762	1,112	......	1,112	7,874	7,797,007	....

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE SIXTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
BOONE COUNTY			
Anchor Coal Co.	Anchor	8- 6-14	Enoch Carver
Anchor Coal Co.	Anchor	2- 5-15	Enoch Carver
Big Eagle Mining Co.	Big Eagle	12-31-14	Enoch Carver
Big Eagle Mining Co.	Big Eagle	4- 7-15	J. I. Absalom
Coal River Co., The	Coal River	8-24-14	Enoch Carver
Coal River Co., The	Coal River	12-30-14	Enoch Carver
Coal River Co., The	Coal River	6-16-14	R. B. Cobb
Hickory Ash Coal Co.	No. 1	9- 9-14	Enoch Carver
Hickory Ash Coal Co.	No. 2	9- 9-14	Enoch Carver
Hickory Ash Coal Co.	No. 3	9- 9-14	Enoch Carver
Horse Creek Block Coal Co.	No. 1	8-28-14	Enoch Carver
Peytona Block Coal Co.	No. 2	9-10-14	Enoch Carver
Seng Creek Coal Co.	Seng Creek	8- 5-14	Enoch Carver
Spruce River Coal Co.	Ramage	8-25-14	Enoch Carver
Spruce River Coal Co.	Ramage	1-22-15	Enoch Carver
Webb Coal Mining Co.	Webb	8- 7-14	Enoch Carver
Webb Coal Mining Co.	Webb	4-15-15	Enoch Carver
KANAWHA COUNTY			
Olcott Coal & Iron Co.	No. 2	8-12-14	Enoch Carver
Olcott Coal & Iron Co.	No. 3	8-12-14	Enoch Carver
Olcott Coal & Iron Co.	No. 1	8-14-14	Enoch Carver
Paint Creek Collieries Co.	Reynolds	8-13-14	Enoch Carver
LOGAN COUNTY.			
Amherst Coal Co.	No. 2	7- 7-14	Enoch Carver
Amherst Coal Co.	No. 1	7- 8-14	Enoch Carver
Amherst Coal Co.	Buffalo	7- 9-14	Enoch Carver
Amherst Coal Co.	Buffalo	10-14-14	Enoch Carver
Amherst Coal Co.	Buffalo	3-18-15	Enoch Carver
Amherst Coal Co.	No. 2	3-22-15	Enoch Carver
Amherst Coal Co.	No. 1	3-23-15	Enoch Carver
Aracoma Coal Co.	No. 1	8-19-14	Enoch Carver
Aracoma Coal Co.	No. 2	8-19-14	Enoch Carver
Aracoma Coal Co.	No. 1	3- 8-15	Enoch Carver
Aracoma Coal Co.	No. 2	3- 8-15	Enoch Carver
Aracoma Coal Co.	No. 3	3- 9-15	Enoch Carver
Argyle Coal Co.	Argyle	7-28-14	Enoch Carver
Argyle Coal Co.	Argyle	1- 5-15	Enoch Carver
Avon Coal Co.	No. 1	3-24-15	Enoch Carver
Bengal Coal Co.	No. 1	11-30-14	Enoch Carver
Bengal Coal Co.	No. 2	11-30-14	Enoch Carver
Black Hawk Colliery Co.	Black Hawk	8-31-14	Enoch Carver
Buffalo Eagle Colliery Co.	Buffalo Eagle	7- 8-14	Enoch Carver
Buffalo Eagle Colliery Co.	No. 1	10-13-14	Enoch Carver
Buffalo Eagle Colliery Co.	No. 2	10-13-14	Enoch Carver
Buffalo Eagle Colliery Co.	No. 1	3-17-15	Enoch Carver
Buffalo Eagle Colliery Co.	No. 2	3-17-15	Enoch Carver
Coal River Coal & Coke Co.	Dobra	2- 2-15	Enoch Carver
Coal Valley Mining Co.	Sylvia	8-10-14	Enoch Cavrer
Coal Valley Mining Co.	Sylvia	12-28-14	Enoch Carver
Coal Valley Mining Co.	Sylvia	4- 7-15	Enoch Carver
Cora Coal & Coke Co.	Cora	7-21-14	Enoch Carver
Cora Coal & Coke Co.	Cora	2-25-15	Enoch Carver
Crown Coal & Coke Co.	Lax	12- 1-14	Enoch Carver
Cub Fork Coal Co.	Cub Fork	7-28-14	Enoch Carver
Cub Fork Coal Co.	Cub Fork	1- 5-15	Enoch Carver
Eagle Island Coal Co.	No. 1	12- 2-14	Enoch Carver
Eagle Island Ccal Co.	No. 2	12- 2-14	Enoch Carver
Ethel Coal Co.,The	No. 2	9-25-14	Enoch Carver
Ethel Coal Co., The	No. 1	1- 7-15	Enoch Carver
Ethel Coal Co., The	No. 1 1-2	1- 7-15	Enoch Carver
Ethel Coal Co., The	No. 2	1- 7-15	Enoch Carver
Ethel Coal Co., The	No. 1	6- 8-15	R. B. Cobb
Ethel Coal Co., The	No. 2	6- 8-15	R. B. Cobb
Fort Branch Coal Corporation	Ft. Branch	8-18-14	Enoch Carver
Fort Branch Coal Corporation	Ft. Branch	6-15-15	R. B. Cobb
Fort Branch Coal Corporation	Frieze Fork	6-10-15	R. B. Cobb
Gay Coal & Coke Co., The	Gay	8-17-14	Enoch Carver
Gay Coal & Coke Co., The	Gay	4- 1-15	Enoch Carver
Georges Creek Coal Co., Inc.	Georges Creek	1-27-15	Enoch Carver
Georges Creek Coal Co., Inc.	Georges Creek	6- 9-15	Enoch Carver

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
LOGAN CO.—Continued			
Georges Creek Coal Co., Inc.	Georges Creek	6- 9-15	R. B. Cobb
Guyandotte Coal Co.	Kitchen	9- 1-14	Enoch Carver
Huddleston Coal Co.	Huddleston	7- 9-14	Enoch Carver
Huddleston Coal Co.	Huddleston	10-12-14	Enoch Carver
Huddleston Coal Co.	Huddleston	3-18-15	Enoch Cavrer
Island Creek Block Coal Co.	Island Creek	9- 2-14	Enoch Carver
Island Creek Block Coal Co.	Island Creek	1-14-15	Enoch Carver
Island Creek Colliery Co.	Switzer	7-24-14	Enoch Carver
Island Creek Colliery Co.	Switzer	1-26-15	Enoch Carver
Kohinoor Coal & Coke Co.	Kohinoor	7- 6-14	Enoch Carver
Kohinoor Coal & Coke Co.	Kohinoor	8-20-14	Enoch Carver
Kohinoor Coal & Coke Co.	Big Vein	10-12-14	Enoch Carver
Kohinoor Coal & Coke Co.	Kohinoor	3-15-15	Enoch Carver
Lincoln Coal Mining Corp.	Lincoln	8-31-15	Enoch Carver
Litz-Smith Coal Co.	Litz-Smith	3-19-15	Enoch Carver
Logan Coal Co.	Logan	3-30-15	Enoch Carver
Logan Coal Co.	Logan	6- 7-15	R. B. Cobb
Logan Mining Co.	Mona	7- 2-14	Enoch Carver
Logan Mining Co.	Manitoba	9-24-14	Enoch Carver
Logan Mining Co.	Earling	12- 7-14	Enoch Carver
Logan Mining Co.	Mona	12-17-14	Enoch Carver
Logan Mining Co.	Mona	3-26-15	Enoch Carver
Logan Mining Co.	Manitoba	6- 7-15	R. B. Cobb
Logan Mining Co.	Wanda	6-14-15	R. B. Cobb
Logan Mining Co.	Wanda	6-16-15	R. B. Cobb
Long Flame Coal Co.	No. 1	7- 7-14	Enoch Carver
Long Flame Coal Co.	No. 2	7- 7-14	Enoch Carver
Long Flame Coal Co.	No. 3	7- 7-14	Enoch Carver
Long Flame Coal Co.	No. 1	12- 3-14	Enoch Carver
Long Flame Coal Co.	No. 2	12- 3-14	Enoch Carver
Long Flame Coal Co.	No. 3	12- 3-14	Enoch Carver
Long Flame Coal Co.	No. 1	3-16-15	Enoch Carver
Long Flame Coal Co.	No. 2	3-16-15	Enoch Carver
Long Flame Coal Co.	No. 3	3-16-15	Enoch Carver
Lorain Coal & Dock Co.	Lorado	3-15-15	Enoch Carver
Maher-Pursglove Mining Co.	No. 5	3-31-15	Enoch Carver
Maher-Pursglove Mining Co.	Maher-Pursglove	6-12-15	R. B. Cobb
Main Island Creek Coal Co.	No. 1	7-16-14	Enoch Carver
Main Island Creek Coal Co.	No. 2	7-16-14	Enoch Carver
Main Island Creek Coal Co.	No. 1	9- 2-14	Enoch Carver
Main Island Creek Coal Co.	No. 2	9- 2-14	Enoch Carver
Main Island Creek Coal Co.	No. 3	9- 2-14	Enoch Carver
Main Island Creek Coal Co.	No. 4	9- 2-14	Enoch Carver
Main Island Creek Coal Co.	No. 5	9- 2-14	Enoch Carver
Main Island Creek Coal Co.	No. 2	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	Main	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	No. 1	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	No. 1	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	No. 2	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	Main	9- 3-14	Enoch Carver
Main Island Creek Coal Co.	No. 1	1- 6-15	Enoch Carver
Main Island Creek Coal Co.	No. 3	1- 6-15	Enoch Carver
Main Island Creek Coal Co.	No. 4	1- 6-15	Enoch Carver
Main Island Creek Coal Co.	No. 5	1- 6-15	Enoch Carver
Main Island Creek Coal Co.	No. 2	1- 7-15	Enoch Carver
Main Island Creek Coal Co.	No. 2	1-13-15	Enoch Carver
Main Island Creek Coal Co.	No. 3	1-13-15	Enoch Carver
Main Island Creek Coal Co.	No. 1	1-14-15	Enoch Carver
Main Island Creek Coal Co.	No. 2	1-14-15	Enoch Carver
Main Island Creek Coal Co.	No. 2	1-25-15	Enoch Carver
Main Island Creek Coal Co.	No. 1	3-31-15	Enoch Carver
Main Island Creek Coal Co.	No. 2	3-31-15	Enoch Carver
Main Island Creek Coal Co.	No. 4	3-31-15	Enoch Carver
Main Island Creek Coal Co.	No. 3	6-11-15	R. B. Cobb
Main Island Creek Coal Co.	No. 3	6-11-15	R. B. Cobb
Manbar Coal Co.	Manbar	12-19-14	Enoch Carver
Mifflin Coal Co.	No. 2	8-11-14	Enoch Carver
Mifflin Coal Co.	No. 1	12-29-14	Enoch Carver
Mifflin Coal Co.	No. 2	12-29-14	Enoch Carver
Mifflin Coal Co.	No. 3	12-29-14	Enoch Carver
Mifflin Coal Co.	No. 2	4- 8-15	Enoch Carver
Mifflin Caol Co.	No. 4	4- 8-15	Enoch Carver
Monitor Coal & Coke Co.	Main No. 3	7-15-14	Enoch Carver
Monitor Coal & Coke Co.	No. 3	7-15-14	Enoch Carver
Monitor Coal & Coke Co.	No. 2	1-11-15	Enoch Carver
Monitor Coal & Coke Co.	No. 1	1-12-15	Enoch Carver

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
LOGAN CO.—Continued			
Monitor Coal & Coke Co.	Main No. 3	1-15-15	Enoch Carver
Monitor Coal & Coke Co.	No. 3	1-15-15	Enoch Carver
McGregor Coal Co.	No. 3	7-22-14	Enoch Carver
McGregor Coal Co.	No. 4	7-22-14	Enoch Carver
McGregor Coal Co.	No. 1	7-23-14	Enoch Carver
McGregor Coal Co.	No. 1	12-15-14	Enoch Carver
McGregor Coal Co.	No. 4	12-15-14	Enoch Carver
McGregor Coal Co.	No. 3	12-16-14	Enoch Carver
Opperman Coal Co.	Opperman	11-23-14	Enoch Carver
Paragon Coal Co.	Paragon	7-29-14	Enoch Carver
Paragon Coal Co.	Paragon	1- 4-15	Enoch Carver
Rex Coal & Coke Co.	Rex	6-14-15	R. B. Cobb
Rich Creek Coal Co.	Wilber	12- 8-14	Enoch Carver
Rich Creek Coal Co.	Wilber	6-16-15	R. B. Cobb
Ruffner Coal Co.	Ruffner	3-19-15	Enoch Carver
Shamrock Coal Co.	Shamrock	7-20-14	Enoch Carver
Shamrock Coal Co.	Litz	1-28-15	Enoch Carver
Shamrock Coal Co.	Smith	1-28-15	Enoch Carver
Shamrock Coal Co.	Litz	6-17-15	R. B. Cobb
Shamrock Coal Co.	Smith	6-17-15	R. B. Cobb
Sovereign Coal Co.	No. 1	2- 1-15	Enoch Carver
Sovereign Coal Co.	No. 2	2- 1-15	Enoch Carver
Spruce Bend Coal Co.	Sharples	2- 3-15	Enoch Carver
Spruce Valley Coal Co.	Spruce Valley	11-24-14	Enoch Carver
Summers, H. B. Coal Co.	Summers	12- 1-14	Enoch Carver
Sunbeam Coal Co.	Sunbeam	8-18-14	Enoch Carver
Thomas, D. C. Coal Co.	Grace	11-23-14	Enoch Carver
U. S. Coal & Oil Co.	No. 6	7- 1-14	Enoch Carver
U. S. Coal & Oil Co.	No. 2	11- 9-14	Enoch Carver
U. S. Coal & Oil Co.	No. 2	11-10-14	Enoch Carver
U. S. Coal & Oil Co.	No. 1	11-10-14	Enoch Carver
U. S. Coal & Oil Co.	No. 1	11-11-14	Enoch Carver
U. S. Coal & Oil Co.	No. 10	11-12-14	Enoch Carver
U. S. Coal & Oil Co.	No. 8	11-13-14	Enoch Carver
U. S. Coal & Oil Co.	No. 8	11-16-14	Enoch Carver
U. S. Coal & Oil Co.	No. 7	11-17-14	Enoch Carver
U. S. Coal & Oil Co.	No. 4	11-18-14	Enoch Carver
U. S. Coal & Oil Co.	No. 6	11-19-14	Enoch Carver
U. S. Coal & Oil Co.	No. 7	11-20-14	Enoch Carver
U. S. Coal & Oil Co.	No. 3	12-10-14	Enoch Carver
U. S. Coal & Oil Co.	No. 2	12-11-14	Enoch Carver
U. S. Coal & Oil Co.	No. 8	2- 8-15	Enoch Carver
U. S. Coal & Oil Co.	No. 8	2- 9-15	Enoch Carver
U. S. Coal & Oil Co.	No. 10	2-10-15	Enoch Carver
U. S. Coal & Oil Co.	No. 6	2-10-15	Enoch Carver
U. S. Coal & Oil Co.	No. 7	2-11-15	Enoch Carver
U. S. Coal & Oil Co.	No. 7	2-12-15	Enoch Carver
U. S Coal & Oil Col	No. 1	2-15-15	Enoch Carver
U. S. Coal & Oil Co.	No. 1	2-16-15	Enoch Carver
U. S. Coal & Oil Co.	No. 2	2-17-15	Enoch Carver
U. S. Coal & Oil Co.	No. 4	2-18-15	Enoch Carver
U. S. Coal & Oil Co.	No. 3	2-22-15	Enoch Carver
U. S. Coal & Oil Co.	No. 3	2-23-15	Enoch Carver
U. S. Coal & Oil Co.	No. 4	2-24-15	Enoch Carver
U. S. Coal & Oil Co.	No. 12	2-26-25	Enoch Carver
U. S. Coal & Oil Co.	No. 11	3-25-15	Enoch Carver
U. S. Coal & Oil Co.	No. 12	3-25-15	Enoch Carver
Wilson, H. T. Coal Co.	Wilson	7- 2-14	Enoch Carver
Wilson, H. T. Coal Co.	Wilson	12-14-14	Enoch Carver
Yuma Coal & Coke Co.	Yuma	7-27-14	Enoch Carver
Yuma Coal & Coke Co.	Yuma	1-26-15	Enoch Carver
RALEIGH COUNTY			
Clear Fork Coal Co.	Leevale	8- 3-14	Enoch Carver
Clear Fork Coal Co.	Leevale	2- 4-15	Enoch Carver
Four States Coal & Coke Co.	Dorothy	10-19-14	Enoch Carver
Four States Coal & Coke Co.	Dorothy	10-20-14	Enoch Carver
Four States Coal & Coke Co.	Sarita	10-20-14	Enoch Carver
Four States Coal & Coke Co.	Sarita	10-21-14	Enoch Carver
Four States Coal & Coke Co.	Dorothy	4-12-15	Enoch Carver
Four States Coal & Coke Co.	Dorothy	4-13-15	Enoch Carver
Four States Coal & Coke Co.	Sarita	4-14-15	Enoch Carver
Marsh Fork Coal Co.	Marsh Fork	8- 4-15	Enoch Carver

INSPECTOR'S REPORT.

CHARLESTON, W. VA., August 31, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith submit to you my annual report as Inspector of Sixth District, for the year ending June 30, 1915.

The output of the mines in this district has been increased notwithstanding the depression of business generally all over the country. I am pleased to report the general condition of mines in the Sixth District are very favorable to safety. I find in most cases the operators are ready to accept and carry out any recommendation I have suggested, such as, better wiring; cleaning up along side of haulways; better timbering and stoppings; better discipline among all mine employees; rigid rules at all mines; and to see they are carried out. It will be seen by the report of fatal and non-fatal accidents, comparing tonnage mined in the district, is very favorable.

The Island Creek seam which composes a greater part of the coal mined in this district has an excellent roof. Very little timber is used in rooms, and a great deal of pillar work is done and carried on very successfully, and a large percentage of the coal is recovered. In many cases I have recommended more timber used in pillar work.

The mines, in and about Clothier, on Coal River, working the No. 2 Gas seam, have a very treacherous draw slate running from one foot to three feet thick which is impossible to hold and has to be taken down. This is very dangerous, but by careful watching we have had very few accidents. Another very dangerous thing that we have to guard against is a heavy slate in the middle of the seams in some mines where the coal has to be shot, bottom coal out first. I have insisted that props be set to hold the slate while the coal is being loaded out before shooting the top coal and slate.

The D. C. Thomas Coal Company and Opperman Coal Company are now experimenting with a cutting machine which leaves a foot to eighteen inches of top coal. This looks as though it would hold this draw slate. Of course these machines can be used only when the coal is thick enough to get proper height under the coal.

There are several new mines going in on Guyan which will be as large producers as any mine in the state. There are several going in on Horse Creek, Ivy Branch and Spruce on Coal River. It looks as though the tonnage would be greatly increased the next year. In all cases where our new law changes the character of buildings, such as, powder houses, fans and etc., I have taken up the matter with the management, and in nearly all cases they have promised to remedy it so as to comply with the law. I am also glad to report that practically all new mines are putting in the very best equipments possible and several of the older mines are changing theirs. Tipples and equipments to prepare the coal for market which our district was behind on, are being changed to comply with the new law.

I wish to express my gratitude and appreciation of your counsel, advice and assistance which has proven very valuable in the discharge of my duties, and you, as busy as you were, always had time to listen to and help me. I also want to thank the coal operators and management of mines, miners and employees generally for their prompt and hearty co-operation in the performance of my duties, a continuance of which is most heartily desired.

Yours very respectfully,

ENOCH CARVER,
Mine Inspector Sixth District.

BOONE COUNTY.

ANCHOR COAL COMPANY.

HIGH COAL.

No. 601. *Anchor.*—This mine is located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Seng Creek; is a drift opening operating the Coalburg seam, which is seven feet thick with a small parting, on the room and pillar system with double entries. The ventilation produced by an eight-foot fan is good. The roof and drainage is good. The coal is undercut with electric chain machines and hauled by motors and the mine is capable of producing 550 tons per day.
C. H. HORNICKEL, *Superintendent.* THOS. GREEN, *Mine Foreman.*

BIG EAGLE MINING COMPANY.

OTTAWA.

No. 602. *Big Eagle.—Shaft.*—95 feet deep, located at Ottawa, on Coal River branch of C. & O. R. R., one mile below Clothier, operating the Eagle seam, which is five feet four inches thick. Coal mined by electric chain machines and hauled by mules. Ventilation produced by five foot fan and is very good. Timbering, drainage and stoppings are good. Entry is being driven to meet one coming from Ottawa mine for second opening and has about 200 feet to connect. The shaft was only sunk for one cage way and all coal hoisted on one cage. The present equipment is temporary. Some gas has been found liberating in one or two places. Not more than 20 men are employed in this mine and capacity is about 100 tons per day.
JAMES CLARK, *Superintendent.* ISAAC PELTER, *Mine Foreman.*

THE COAL RIVER COMPANY.

OTTAWA.

No. 603. *Ottawa.*—This mine is located on the Coal River branch of the C. & O. R. R., and the Spruce Fork of the Coal River; is a drift openings operating the No. 1 Eagle Seam, which is five feet thick, on the room and pillar system, with double and triple entries.

The ventilation produced by a seven foot fan and conducted by stone stoppings and over-casts is good. The coal is overlaid by a good stone roof. The mine is dry throughout, which necessitates watering to allay the dust and this is done with pipe line and hose which conducts the water through the different parts of the mine. The coal is undercut by electric chain machines and hauled by electric motors and mules. The mine is capable of producing 500 ton per day.
J. M. MOORE, *Superintendent.* ED. ZWILLING, *Mine Foreman.*

HORSE CREEK BLOCK COAL COMPANY.

MISTLETOE.

No. 604. *Opal.—Drift.*—Operating Horse Creek Block seam, four feet six inches thick, located on Horse Creek five miles above Altman on Horse Creek branch of C. O. R. R. Ventilation good, produced by six foot fan. Roof and timbering good. Drainage fair. Coal mined by chain machines and hauled by motors. Mine is damp throughout. Capacity of about 200 tons per day.
CHARLES MULLIGAN, *Superintendent.* ALEX GEENTER, *Mine Foreman.*

PEYTONA BLOCK COAL COMPANY.

PEYTONA.

No. 605. *No. 2.*—This mine is located at Peytona, on the Coal River branch of the C. & O. R. R. is a drift opening operating a splint coal four feet thick on the room and pillar system with double entries. The ventilation produced by fan and is good. Roof and drainage are good. The coal is undercut with electric chain machines and the mine is capable of producing 200 tons per day.
C. H. MEAD, *Superintendent.* R. A. SNEAD, *Mine Foreman.*

SENG CREEK COAL COMPANY.

JARROLD'S VALLEY.

No. 606. *Blue Star.*—This mine is located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Coal River; is a drift opening operating the Coalburg Seam, 4 feet 4 inches thick, on the room and pillar system, with double entries. The ventilation produced by a fan is good. Roof and drainage are good. The coal in this mine is undercut with electric chain machines and hauled by electric motors. This mine is capable of producing 250 tons per day.
FRANK FACNOLA, *Superintendent.* G. W. SPRADLING, *Mine Foreman.*

THE SPRUCE RIVER COAL COMPANY.

RAMAGE.

No. 607. *Ramage.*—This mine is located on the Coal River branch of the C. & O. R. R., and the Spruce Fork of Coal River; is a drift opening operating the No. 1 Eagle seam, which is five feet thick, on the room and pillar system, with double entries. The ventilation produced by a seven-foot fan propelled by steam. The roof and drainage is good. The coal is undercut by electric machines. The coal is hauled with mules and motors and the mine is capable of producing 450 tons per day.
J. B. RAMAGE, *Superintendent.* W. H. BULLOCK, *Mine Foreman.*

WEBB COAL MINING COMPANY.

GARRISON.

No. 608. *Webb.*—This mine is located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Seng Creek; is a drift opening operating the Coalburg seam, which is seven feet thick, on the room and pillar system, with double entries. This mine consists of several openings which are ventilated by a seven foot fan. The roof is not good but will get much better as the work advances under cover. Drainage is good. The coal is undercut with electric chain machines and hauled by mules. This mine is capable of producing 500 tons per day.
JOHN HOLMES, *Superintendent.* ROBERT WALKER, *Mine Foreman.*

KANAWHA COUNTY.

OLCOTT COAL & IRON COMPANY.

OLCOTT.

No. 609. *Olcott No. 1.—Drift.*—Operating the 34 inch Black Band seam, located on the Kanawha Central R. R. and Brier Creek, a tributary of Coal River. The ventilation is produced by fan and is fair. Roof and drainage good. Coal undercut with electric chain machines and hauled by motors. This is a very good grade of domestic coal. The mine's capacity is about 400 tons per day.
H. S. LINGLE, *Superintendent.* WALTER DALE, *Mine Foreman.*

OLCOTT COAL & IRON COMPANY.

OLCOTT.

No. 610. *Olcott No. 2.—Drift.*—Operating the 48 inch Black seam, located on the Kanawha Central R. R. and Brier Creek, a tributary of Coal River. The ventilation is produced by a fan and is fair. Roof and drainage good: Coal undercut by electric chain machines and hauled by motors and mules. This is a good grade of domestic coal. Capacity is about 350 tons per day.
H. S. LINGLE, *Superintendent.* C. E. GRIFFITH, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

OLCOTT.

No. 611. *Reynolds.*—Is located on the Kanawha Central R. R. and Brier Creek, a tributary of Coal River; is a drift opening operating the Black Band seam, which is three feet ten inches thick and one of the best grades of domestic coals in the state. A new steel tipple has been erected with all improvements for preparing coal for the market. Mine worked on the room and pillar system with double entries. The ventilation produced by an eight-foot fan is good. Roof and drainage is good. The coal is undercut with electric chain machines and hauled by electric motors and mules. This mine is capable of producing 600 tons per day.
E. D. GRIFFITH, *General Manager.* C. W. WORKMAN, *Mine Foreman.*

LINCOLN COUNTY.

BRANCHLAND COAL COMPANY.

BRANCHFIELD.

No. 612. *Branchland—Drift.*—Operating the Stockton seam which has a thickness of about seven feet, located at Branchfield in Lincoln county. Ventilation is only fair and drainage not good. Roof is bad in places. The coal is mined by punching machines and hauled by mules. The mine's capacity is about 200 tons per day.
V. A. JOHNSON, *Superintendent and Mine Foreman.*

GUYAN RIVER COAL COMPANY.

HUBBALL.

No. 613. *Guyan River.—Drift.*—Located at Hubball on the main line of the Guyan Valley branch of the C. & O. R. R., operating the Thacker seam, which is about 4 feet 10 inches thick. The mine is ventilated by a furnace, which produces good results. Drainage, roof and doors all good. The coal is mined by compressed air punching machines and is hauled by mules. The capacity is about 150 tons per day.
V. JOHNSON, *Superintendent and Mine Foreman.*

LOGAN COUNTY.

AMHERST COAL COMPANY.

AMHERSTDALE.

No. 614. *Amherst No. 1.—Drift.*—Located near Amherstdale on Buffalo Creek, operating the Island Creek seam, which has a thickness at this point of four feet and ten inches. The ventilation is produced by a six-foot fan and is good. Drainage, roof, doors and stoppings all good. The coal is mined by electric machinery and hauled by motors. The capacity of Amherst No. 1 and No. 2 is about 700 tons per day.

J. N. SWEITZER, *Superintendent.* C. C. FULTZ, *Mine Foreman.*

AMHERST COAL COMPANY.

AMHERSTDALE.

No. 615. *Amherst No. 2.—Drift.*—Operating the Thacker seam with a thickness of about seven feet, located at Amherstdale on Buffalo Creek. The ventilation is produced by a six-foot fan and is fair. Drainage good. Roof good except in a few places. The coal is undercut by electricity and hauled by mules and motors. The capacity of mines Nos. 1 and 2 of the Amherst Coal Company is about 700 tons per day.

J. N. SWEITZER, *Superintendent.* C. C. FULTZ, *Mine Foreman.*

ARACOMA COAL COMPANY.

LOGAN.

No. 616. *Aracoma Nos. 1 and 2.—Drifts.*—Located near Logan, on the Guyan Valley branch of the C. & O. R. R., ventilated by two 7-foot fans and the ventilation is good. Drainage and roof in each mine good. Coal, which is the Island Creek seam, 6 feet thick, is undercut with electrical machinery and hauled by mules and motors. The capacity of these mines is about 1000 tons per day.

F. E. KING, *Superintendent.* M. MCPARLAND, *Mine Foreman.*

ARACOMA COAL COMPANY.

LOGAN.

No. 617. *Aracoma No. 3.*—Operating the Draper seam about 50 feet under the Island Creek seam. Ventilated by fan. Coal mined by electricity. Seam about four feet,—good top. New mine only working a few men.

F. E. KING, *Superintendent.* M. MCPARLAND, *Mine Foreman.*

ARGYLE COAL COMPANY.

YOLYN.

No. 618. *Argyle.*—This mine is operating the Thacker seam, 6 feet 8 inches thick. Ventilated by a 6 foot fan, which gives good results. Roof good except draw slate. Drainage very good. Mining is done by machines. Coal is hauled by mules and motors.

H. T. HARVEY, *Superintendent.* T. E. MARONEY, *Mine Foreman.*

AVON COAL COMPANY.

ACCOVILLE.

No. 619. *Avon Nos. 1 and 3.*—In the Island Creek seam, which have a thickness of coal at this point of four feet six inches. The ventilation is produced by a six foot fan in each mine and is good. Drainage and roof good in each case. These mines are reached by an incline of about 800 feet. The combined capacity of mines Nos. 1, 2 and 3 is about 800 tons per day.

L. E. SCHOLL, *Superintendent and Mine Foreman.*

AVON COAL COMPANY.

ACCOVILLE.

No. 620. *Avon No. 2.—Drift.*—Located at Accoville on Buffalo Creek, operating the No. 1 Eagle seam which is six feet six inches thick. The ventilation is produced by a seven foot fan and is good. Drainage fair. Roof bad in some places. The coal is cut by electricity and hauled by motors and mules. The combined capacity of the Avon Mines Nos. 1, 2 and 3 is about 800 tons per day.

L. E. SCHOLL, *Superintendent and Mine Foreman.*

BENGAL COAL COMPANY.

KISTLER.

No. 621. *Bengal Nos. 1, 2 and 3.—Drift.*—Operating Eagle seam, 6½ feet thick, located on Buffalo Creek branch of C. & O. R. R. Ventilation, produced by seven-foot fan, is good. Drainage and timbering good. Roof good except draw slate. Mining done by electric machinery, hauled by mules and motors. This mine has very good equipments outside and in and everything is in very good shape. Capacity is about 500 tons per day.

A. E. MORGAN, *Superintendent.* W. M. BURKE, *Mine Foreman.*

BLACK HAWK COLLIERY COMPANY.

BIG CREEK.

No. 622. *Black Hawk.*—Located at Big Creek on the Guyan branch of the C. & O. R. R., operating the No. 2 Gas seam which has a thickness at this point of five feet. Good roof. The ventilation is produced by a furnace and is good, as can be expected from a furnace. Drainage and timbering good. The coal is mined by pick miners and hauled by mules. Mine's capacity is about 100 tons per day.

J. L. DAWSON, *Superintendent.* W. E. MESSINGERS, *Mine Foreman.*

BUFFALO-EAGLE COLLIERY COMPANY.

ACCOVILLE.

No. 623. *Buffalo-Eagle.—Drift.*—Operating the Eagle seam which is five feet five inches thick. Located near Accoville on Buffalo Creek. Ventilation is produced by a four foot fan and is fairly good. Drainage, roof, doors and stoppings all good. A little gas has been found in one or two places. Coal mined by machinery and hauled by motors. This mine is very well equipped inside and out, and has a capacity of 400 tons per day.

P. J. RILEY, *Superintendent.* E. E. JONES, *Mine Foreman.*

COAL RIVER COAL & COKE COMPANY.

DOBRA.

No. 624. *Dobra.—Drift.*—Located on the Coal River branch of the C. & O. R. R. and Spruce Fork of Coal River, operating the No. 2 Gas seam, which is five feet thick. Room and pillar system, double and triple entries. The ventilation is good, produced by a six foot fan. The roof has a very bad draw slate, drainage good. Coal is cut with electric machines and hauled by motor to the tipple. Capacity is about 475 tons per day.

B. J. HINER, *Superintendent.* G. W. LAX, *Mine Foreman.*

COAL VALLEY MINING COMPANY.

CLOTHIER.

No. 625. *Sylvia.—Drift.*—Operating the No. 2 Gas Seam which is four feet ten inches thick. Located at Clothier on the Coal River branch of the C. & O. R. R. and Spruce Fork of Coal River. Room and pillar system, double entries. The ventilation, which is produced by a 5½ foot fan, is fairly good. Drainage good. Roof consisting of very bad draw slate has to be taken down or well timbered. Coal undercut with electric chain machines and hauled by motor. Mine's capacity is about 450 tons per day.

FRED VERMILLION, *Superintendent.* CHAS. LAX, *Mine Foreman.*

CORA COAL & COKE COMPANY.

CORA.

No. 626. *Cora.—Drift.*—Operating the Island Creek seam which averages six feet in thickness. Located on Island Creek, two miles from Logan. This mine has a good roof. Ventilation is produced by a fan and is good. Drainage good. The coal is undercut by electrical machinery and hauled by mules and motors. Mine's capacity is about 900 tons per day.

C. W. JONES, *Superintendent.* E. E. RUSSELL, *Mine Foreman.*

THE CROWN COAL COMPANY.

LAX.

No. 627. *Crown.—Drift.*—Operating the Island Creek seam which has a thickness of four feet eight inches. Located at Lax, on the Buffalo Creek extension of the Guyan Valley branch of the C. & O. R. R. Ventilation is by a five foot fan and is fairly good. Drainage good. Roof good. Doors and stoppings fair. The coal is mined by electricity and hauled by motors and mules. The mine's capacity is about 400 tons per day.

JOHN LAX, *Superintendent.* P. M. LAX, *Mine Foreman.*

CUB FORK COAL COMPANY.

YOLYN.

No. 628. *Cub Fork.—Drift.*—Located at Yolyn, on Rum Creek extension of the Guyan Valley branch of the C. & O. R. R., operating the Winifrede seam, which is at this point about seven feet thick. The ventilation is by fan and is good. Drainage good. Roof has bad draw slate in some places which has to be well timbered or taken down. The coal is mined by electricity and hauled by mules and motors. The mine is on development.

E. C. JAMES, *Superintendent.* F. L. RAMEY, *Mine Foreman.*

DRAPER COAL & COKE COMPANY.

LOGAN.

No. 629. *Draper.—Drift.*—Operating the Powellton seam which is four feet six inches thick, located at Logan. The ventilation is produced by a twelve foot fan and is good. Drainage fair and roof is good. Parts of the mine are dry and must be dampened. The wiring is fairly good. The coal is undercut by electric chain machines and hauled by motors and mules. The mine's capacity is 300 tons per day.

JOHN PULLEN, *Superintendent and*
Mine Foreman.

EAGLE ISLAND COAL COMPANY.

KISTLER.

No. 630. *Eagle Island.—Drift.*—Located near Man, on Buffalo Creek, operating the Island Creek seam with a thickness of four feet two inches. The ventilation is produced by a six foot fan and is good. Roof, drainage, doors, and stoppings good. The coal is cut with electricity and hauled by motors and mules. The capacity is about 200 tons per day.

A. J. KING, *General Manager.* ED. JONES, *Mine Foreman.*

ETHEL COAL COMPANY.

ETHEL.

No. 631. *Ethel Nos. 1 and 1-1/2.—Drifts.*—Located on Dingess Run, six miles above Logan, operating the Winifrede seam, the thickness of which is five feet two inches, with a good sandstone roof. The ventilation is produced by a ten foot fan run by steam and is fairly good. Drainage, doors and stoppings are all good. No explosive gas has been detected in this mine. The tipple has recently been over hauled, Shaker screens and other improvements put in, and great care is taken to prepare the coal for the trade. The coal is undercut with electric chain machines and hauled by mules and motors. The combined capacity of Ethel No. 1 and Ethel No. 2 is 1300 tons per day.
L. EPPERLY, *Superintendent.* W. H. BAKER, *Mine Foreman.*

ETHEL COAL COMPANY.

ETHEL.

No. 632. *Ethel No. 2.—Drift.*—Located on Dingess Run, six miles above Logan, operating the Winifrede Seam which has a thickness of five feet two inches. Ventilation, by an eight foot fan, is well distributed. Drainage good and the mine is damp. Roof, doors, and timbering good. A small amount of explosive gas has been found liberating in several places. The coal is undercut by electricity and hauled by motors and mules. The capacity of this mine together with that of Ethel No. 1 is 1300 tons per day.
L. EPPERLY, *Superintendent.* W. H. BAKER, *Mine Foreman.*

FORT BRANCH COAL CORPORATION.

FORT BRANCH.

No. 633. *Fort Branch.—Drift.*—Located on Dingess Run, three miles above Logan, operating the Winifrede seam which has a thickness of five feet. Good sandstone roof. Ventilation is good produced by an 8 foot fan. Drainage and timbering good. Doors and stoppings fairly good. Coal is undercut with compressed air punching machines and hauled by mules and motors. The electric wiring in this mine is fairly good. Mine's capacity is about 400 tons per day.
JAMES SOMERS, *Superintendent.* ROBERT GEE, *Mine Foreman.*

FRIEZE FORK COAL MINING COMPANY.

ETHEL.

No. 634. *Frieze Fork.—Drift.*—Operating the Winifrede Seam, three and one-half to four feet thick. Located about a mile above Ethel, on Dingess Run. The ventilation is by a five foot fan and is good. Roof and drainage, doors and stoppings good. Coal undercut by electric machinery and hauled by motors and mules. Capacity about 300 tons per day.

A. SHIMMIN, *Superintendent and Mine Foreman.*

GAY COAL & COKE COMPANY.

LOGAN.

No. 635. *Gay.—Drift.*—Located one mile from Logan, on Island Creek, operating the Island Creek seam, which is 5 feet 10 inches, with good sandstone roof. Ventilation good produced by 8 foot fan outside and a 4 foot fan about ¾ mile inside. Doors, stoppings, timbering and drainage good. The mine is damp throughout. The mine is successfully worked on long wall system. Coal is mined by electric chain machines and hauled by motors and mules to the outside, and from that point to the tipple, about one mile, by steam locomotives. The mine has a capacity of 900 tons per day.
H. T. GAY, *Superintendent.* FRED KELLERMAN, *Mine Foreman.*

GEORGE'S CREEK COAL COMPANY, Inc.

ETHEL.

No. 636. *George's Creek.—Drift.*—Located at the head of Dingess Run, on the Dingess Run extension of the Guyan Valley branch of the C. & O. R. R., about two miles above Ethel, operating the Winifrede seam of coal which has a thickness at this point of six feet three inches. The ventilation is by a five foot fan and is good. Roof good, except draw slate. Drainage, doors and stoppings all good. Coal is mined by electricity and hauled by mules and motor. Mine's capacity is about 300 tons per day.

ROBERT GUNNING, *Superintendent.* JESSE PERRY, *Mine Foreman.*

GUYANDOTTE COAL COMPANY.

KITCHEN.

No. 637. *Kitchen.—Drift.*—Located at Kitchen, on the Guyan branch of the C. & O. R. R., operating the Island Creek Seam, which has a thickness at this point of about four feet. The ventilation is produced by a five foot fan and is fair only. Doors and stoppings were in fairly good condition when seen on my last visit. Drainage good. The coal is cut with chain machines and is hauled with mules and motor. The capacity is about 300 tons per day.

R. G. TERRY, *Superintendent.* J. W. CUTHBERLSON, *Mine Foreman.*

HICKORY ASH COAL COMPANY.

STERLING.

No. 638. *Hickory Ash Nos. 1, 2, 3.—Drifts.*—Located on the Coal River branch of the C. & O. R. R. and Indian Creek, a tributary of Coal River, operating a splint coal from three feet six inches to four feet in thickness. Room and pillar system, double entries. Ventilation is good, produced by three five-foot fans. The roof and drainage are good. The coal is undercut with electric chain machines. Hauled by electric motors. These mines have a capacity of about 500 tons per day.

GRANT MCGHEE, *Superintendent.* THOMAS WATERS, *Mine Foreman.*

HUDDLESTON COAL COMPANY.

ACCOVILLE.

No. 639. *Huddleston.—Drift.*—Located about a mile from Accoville on Buffalo Creek, operating the Eagle seam, the thickness which is four feet six inches. The ventilation is produced by a six foot fan and is good. Roof good except draw slate. Drainage good. This mine's capacity is about 400 tons per day.

W. L. ROBINSON, *Superintendent.* WM. WHITE, *Mine Foreman.*

ISLAND CREEK BLOCK COAL COMPANY.

BARNABUS.

No. 640. *Barnabus.—Drift.*—Operating Island Creek Seam, 6½ feet thick. Located at Barnabus, head of Main Island Creek branch of C. & O. R. R. Ventilation produced by furnace which was not very satisfactory. Coal mined by pick. Mine's capacity is about 200 tons per day.

E. A. ANTHONY, *Superintendent and Mine Foreman.*

ISLAND CREEK COLLIERY COMPANY.

SWITZER.

No. 641. *Switzer.—Drift.*—Operating the Island Creek Seam, seven feet thick. Located on Main Island Creek branch of C. & O. R. R., about seven miles above Logan and three miles below Omar. Ventilation, produced by six foot fan, is good.

Roof, drainage and stoppings good. Coal mined by chain machines, hauled by mules and motors. This mine is well equipped both inside and out. Capacity about 600 tons per day.
J. M. VEST, *Superintendent.* HENRY MILLER, *Mine Foreman.*

E. R. JOHNSON COAL MINING COMPANY.

HUGHEY.

No. 642. *Johnson Nos. 1 and 2.—Drifts.*—Located near Peach Creek, on the Guyan Valley branch of the C. & O. O. R. R., one mile from Logan, operating the Winifrede seam which is four to five feet thick. The ventilation is by a seven-foot fan and is good. Drainage good. Roof good except in a few places. The coal is cut with electric chain machines and hauled by motor. The mine's capacity is about 200 tons per day.
J. P. SMALL, *Superintendent.* H. C. ROSKEY, *Mine Foreman.*

KOHINOOR COAL & COKE COMPANY.

CRANECO.

No. 643. *Kohinoor.—Drift.*—Located on Buffalo Creek, near Craneco, operating the Island Creek seam which has a thickness at this point of 6½ feet. The ventilation is produced by a seven-foot fan and is good. The drainage, roof, doors and stoppings are all good. The coal is mined and hauled by electric machinery. The mine's capacity is about 800 tons per day.
W. BEDDON, *Superintendent.* GEO. W. BLACK, *Mine Foreman.*

LINCOLN COAL MINE CORPORATION.

BIG CREEK.

No. 644. *Lincoln.—Drift.*—Located at Big Creek, on Guyan branch of C. & O. R. R., operating the Eagle seam, about 4½ feet thick. Ventilation produced by fan. Roof, drainage and timbering good. Coal undercut by electric machines, hauled by mules and motors. Mine on development.
A. W. HESSE, *Superintendent.* C. A. PARCELL, *Mine Foreman.*

LITZ SMITH COAL COMPANY.

ACCOVILLE.

No. 645. *Litz Smith.—Drift.*—Operating Eagle seam, seven feet thick. Located on Buffalo Creek branch of C. & O. R. R., at Accoville. Ventilation, produced by fan, is good. Roof has a bad draw slate. Timbering and drainage good. Coal mined by chain machines and hauled by mules. Mine on development.
R. R. SMITH, *Superintendent.* W. T. SPICER, *Mine Foreman.*

LOGAN COAL COMPANY.

ETHEL.

No. 646. *Logan.—Drift.*—Located at Ethel on Dingess Run, operating the Winifrede seam which is four feet eight inches thick. Ventilation is produced by an eight foot fan and is good. Drainage, roof, doors and stoppings good. The pillar drawing at this mine is carried on very successfully. Coal undercut by pick and machinery, hauled by mules and motors. This company has just completed a new steel tipple equipment, inside and out, and is good. Capacity is about 800 tons per day.
I. H. HINDSLEY, *Superintendent.* D. C. EVANS, *Mine Foreman.*

LOGAN MINING COMPANY.

MANBAR.

No. 647. *Earling.—Drift.*—Located at Earling, on the Guyan Valley branch of the C. & O. R. R. operating the Eagle seam, which is about five feet ten inches thick. The mine is ventilated by a six foot fan which gives good results. Roof good except draw slate in few places. Drainage, doors and stoppings good. The coal is undercut by electric chain machines and hauled by motors and mules. This mine is well equipped both inside and out. Capacity is about 1000 tons per day.

B. LEE HUTCHINSON, *Superintendent.* G. E. SANFORD, *Mine Foreman.*

LOGAN MINING COMPANY.

ETHEL.

No. 648. *Manitoba.—Drift.*—Located on Dingess Run, five miles above Logan, operating the Winifrede seam which is five feet four inches thick, with good coal top. Ventilation by a four foot fan is good. Drainage is good. Doors and stoppings fairly good. Developed on the four main entry system. Wiring fair. Coal undercut by electricity and hauled by mules and electric motors. Its capacity is about 500 tons per day.

B. F. FLYNN, *Superintendent.* O. I. JENKINS, *Mine Foreman.*

LOGAN MINING COMPANY.

MONAVILLE.

No. 649. *Mona.—Slope.*—Located on Main Island Creek about four miles above Logan, operating the Island Creek seam which is six to seven feet thick. Ventilation produced by eight foot fan which gives good results. This mine has a good equipment inside and out and looks very promising to have a large tonnage. The mine has a good sandstone roof, and the drainage is fairly good. The coal is undercut by electricity and hauled by mules. The mine has a capacity of 500 tons per day.

H. E. SNYDER, *Superintendent.* GRADY WHITMAN, *Mine Foreman.*

LOGAN MINING COMPANY.

ETHEL.

No. 650. *Wanda.—Drift.*—Operating the Winifrede seam, five feet thick, and is located on Dingess Run about five miles above Logan. The ventilation is produced by a seven-foot fan and is fairly good. Drainage and roof good. The mine was in a good moist condition. Coal had been running rather irregular but was looking better when last visited. The coal is undercut with electrical machinery and hauled by motors and mules. Capacity about 300 tons per day.

B. F. FLYNN, *Superintendent.* C. D. HYLTON, *Mine Foreman.*

LONG FLAME COAL COMPANY.

STOWE.

No. 651. *Long Flame Nos. 1, 2 and 3.—Drifts.*—Located at Stow, on the Buffalo Creek extension of the Guyan Valley branch of the C. & O. R. R., operating the Eagle seam with a thickness of about seven feet six inches. Ventilation is produced by fans, six and seven feet, and is fair. Roof good except draw slate. Drainage and stoppings fair. Coal mined by electrical machines and hauled by mules and motors. Combined capacity of these mines is about 550 tons per day.

WM. E. PRITCHARD, *Superintendent.* T. R. PRITCHARD, *Mine Foreman.*

LORAIN COAL & DOCK COMPANY.

CRANECO.

No. 652. *Lorain—Drift.*—Operating the Island Creek seam. six feet five inches thick. Located about ½ mile above Craneco on Buffalo Creek extension of Guyan branch of C. & O. R. R. This mine has just started loading coal over a temporary chute. This company has just acquired a large acreage and is erecting a large steel tipple at this mine, which is one of several that is to be built. Other improvements are being put up in good shape. This promises to be one of the largest producing properties in this district.

JAMES JOHNSON, *Superintendent.* H. B. POEIER, *Mine Foreman.*

MAHER PURSGLOVE MINING COMPANY.

CHAUNCEY.

No. 653. *Pursglove.*—Is located on Main Island Creek of Guyan. Drift mine, Island Creek seam 6½ feet thick, good top. This is a new mine, natural ventilation and on development.
SAMUEL PURSGLOVE, *Superintendent.* G. W. WORKMAN, *Mine Foreman.*

MAIN ISLAND CREEK COAL COMPANY.

OMAR.

No. 654. *No. 1 and 2.—Tipple No. 5.—Drift.*—Operating Island Creek seam, 6½ feet thick. Located head of Main Island Creek branch of C. & O. R. R. Ventilation good, produced by six foot fan. Roof, timbering and drainage good. Coal mined by electric chain machines, hauled by motors. A new steel tipple is being erected across creek to the coal now dumped on No. 5 and 6, temporary tipples. Good equipment is being put in and mine looks as though a large tonnage will be produced. Mine now on development.
A. J. DALTON, *Superintendent.* J. W. MONTGOMERY, *Mine Foreman.*

MAIN ISLAND CREEK COAL COMPANY.

OMAR.

No. 655. *Nos. 1, 2, 3, 4, 5 and 6.—Tipple No. 6.—Drift.*—Operating Island Creek seam, 6½ feet thick. Located on Main Island Creek ten miles above Logan. Ventilation produced by six-foot fan and is good. Roof, timbering and drainage good. Coal mined by chain machines and hauled by motors. These mines are well equipped for a large tonnage. A new steel tipple is being erected and everything is in very good condition. Capacity is about 1200 tons per day.
A. J. DALTON, *Superintendent.* J. W. MONTGOMERY, *Mine Foreman.*

MAIN ISLAND CREEK COAL COMPANY.

OMAR.

No. 656. *Nos. 1, 2, 3, 4 and 5.—Drifts.*—Located at Omar at the head of Main Island Creek on the Main Island Creek extension of the C. & O. R. R. They operate the Island Creek seam of coal which is 6½ feet thick at this point. They dump all the coal at tipple No. 4. Roof good. Ventilated by fans and is good. Doors and stoppings fairly good. Coal mined by electrical machines and hauled by motors. These mines are well equipped with latest improvements inside and out and should produce a large tonnage. Capacity now about 2000 tons per day.
A. J. DALTON, *Superintendent.* H. T. CRACKMAN, *Mine Foreman.*

MAIN ISLAND CREEK COAL COMPANY.

OMAR.

No. 657. *Tipple No. 2.—Drift.*—Operating Island Creek seam, 6½ feet thick. Located about two miles below Omar, on Main Island Creek branch of C. & O. R. R. Ventilation produced by six-foot fan and is good. Timbering and drainage good. Coal is mined by electric chain machines, hauled by motors and mules. There is a temporary tipple at this mine. The capacity is about 400 tons per day.
A. J. DALTON, *Superintendent.* JAMES HEATHERMAN, *Mine Foreman.*

MANBAR COAL COMPANY.

MANBAR.

No. 658. *Manbar.—Drift.*—Operating the Eagle seam, which is five feet thick. Located at Manbar, on the Guyan Valley branch of the C. & O. R. R. The ventilation is produced by a seven-foot fan and is fairly good. Drainage and stoppings only fair and roof bad in places. The coal is mined by electricity and hauled by mules and motor. The capacity is about 350 tons per day.

J. S. RILEY, *Superintendent.* THOMAS STEAD, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 659. *McGregor No. 1.—Drift.*—Located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. This operation has good up-to-date equipment inside and out and should produce a large tonnage. The ventilation is produced by a seven-foot fan and is good. The drainage is good. The roof has a very bad draw slate and has to be well timbered or taken down. The mine operates the Winifrede seam which has a thickness here of six feet and the coal is cut by electricity and hauled by motors and mules. The capacity of the several mines of the McGregor Coal Company is 1500 tons per day.

G. L. BAILEY, *Superintendent.* WM. NISBETT, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 660. *McGregor No. 3.—Drift.*—Operating the Winifrede seam, which is six feet thick. Located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. The ventilation is produced by a seven-foot fan and is good. Drainage good. Roof has a very bad draw slate that must be taken down or well timbered. The coal is cut by electricity and hauled by motors. The capacity of the several mines of this company is 1500 tons per day.

G. L. BAILEY, *Superintendent.* WM. NISBETT, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 661. *McGregor No. 4.—Drift.*—Operating the Winifrede seam, with a thickness of six feet. Located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. The ventilation is produced by a seven-foot fan and is good. Drainage good. Roof has a very bad draw slate. The coal is undercut by electricity and hauled by motor. The capacity of these mines is 1500 tons per day.

G. L. BAILEY, *Superintendent.* WM. NISBETT, *Mine Foreman.*

MIFFLIN COAL COMPANY.

CLOTHIER.

No. 662. *Mifflin Nos. 1 and 2.—Drifts.*—Located on the Coal River extension of the C. & O. R. R., about fifty-five miles above St. Albans, operating No. 2 gas seam, six feet thick thick. Ventilation is produced by a five-foot fan in No. 1 and by a six-foot fan in No. 2 and is good. Drainage is good in both mines. Roof in each good, except bad draw slate; timbering good. The coal is mined with electric machinery and hauled by motor. The coal is dumped at Tipple No. 1 and has a capacity of 350 tons per day.

MARTIN LONG, *Superintendent.* MAC BROWN, *Mine Foreman.*

MIFFLIN COAL COMPANY.

CLOTHIER.

No. 663. *Mifflin Tipple No. 2.—No. 1.—Drift.—No. 2 gas seam.*—This is a new mine located on Coal River extension of C. & O. R. R. Ventilated by 7-foot fan and gives good results. Coal 5½ feet thick. Roof has a very heavy draw slate. Timbering and drainage good. Coal cut by electric cutters and hauled by mules and electric motors. Capacity of 350 tons per day.

MARTIN LONG, *Superintendent.* ANDREW JACKSON, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

WILKINSON.

No. 664. *Monitor No. 1.—Drift.*—Located about two miles from Logan on Main Island Creek and operates the Island Creek seam, which is six feet thick. The ventilation is produced by a twelve-foot fan and is good. Roof, drainage and stoppings good. The coal is mined by pick miners and electrical machinery and hauled by mules and motors. The capacity of this mine combined with that of Beechwood is 1500 tons per day.
THOMAS F. DOWNING, *Superintendent.* HARRY BARRETT, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

WILKINSON.

No. 665. *Monitor No. 3.—Drift.*—Located on Main Island Creek about three miles above Logan, operating the Island Creek seam which has a thickness of six feet. The ventilation is produced by a seven-foot fan and is good. Drainage, doors and stoppings good. Roof is good. This mine is well equipped outside and in and should have a large tonnage. The coal is cut with electricity and hauled by motors. The mine's capacity is about 800 tons per day.
THOMAS F. DOWNING, *Superintendent.* HARRY BARRETT, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

WILKINSON.

No. 666. *Beechwood.—Drift.*—Located on Main Island Creek two miles above Logan, operating the Island Creek seam, the thickness of which is about six feet at this point. The ventilation in this mine is secured by a seven-foot fan and is good. Drainage and roof good. The coal is mined with electricity and pick miners and hauled by motors and mules. The capacity of this mine combined with the Monitor No. 1 mine is about 1500 tons per day.
THOMAS F. DOWNING, *Superintendent.* HARRY BARRETT, *Mine Foreman.*

OPPERMAN COAL COMPANY.

BLAIR.

No. 667. *Opperman.—Drift.*—Operating the No. 2 Gas seam which has a thickness of about six feet; it is located at Blair. The ventilation is good, produced by a six-foot fan. Drainage and timbering good. Roof has a very bad draw slate which had to be taken down. They are now using a cutting machine that leaves a foot to eighteen inches of coal at the top, and so far is holding the roof. The coal is mined by electric machinery and hauled by mules. The capacity is about 300 tons per day.
THOS. RICHARDS, *Superintendent.* J. W. ARBAUGH, *Mine Foreman.*

PARAGON COLLIERY COMPANY.

YOLYN.

No. 668. *Paragon No. 2.—Drift.*—Located at Yolyn, on Rum Creek, operating the Winifrede seam which is about five feet six inches thick at this point. Ventilation is produced by a five-foot fan and is good. Drainage and timbering are good. Roof good except draw slate in a few places. The coal is mined by electricity and hauled by mules and motor. The mine's capacity is about 500 tons per day.
E. C. JAMES, *Superintendent.* J. A. MCCALLISTER, *Mine Foreman.*

REX COAL COMPANY.

ETHEL.

No. 669. *Rex.—Drift.*—Located at Ethel, on Dingess Run five miles above Logan, operating the Winifrede seam, the thickness of which is from four feet eight inches to five feet. Ventilation, produced by a 7½ foot fan, is good. Drainage, doors and stoppings fair. Roof good except in few places. Coal is undercut by machinery and hauled by motors and mules. Capacity is about 700 tons per day.

W. M. GUY, *Mine Foreman.*

RICH CREEK COAL COMPANY.

MANBAR.

No. 670. *Wilburn—Drift.*—Located at Hutchinson, on the Guyan Valley branch of the C. & O. R. R., operating the Eagle seam, with a thickness of about five feet. Ventilation is good, produced by a four foot fan. Roof good except draw slate in a few places. Doors and stoppings good. Electrical wiring fair. Coal mined by electricity and hauled by motors. Capacity is about 300 tons per day.

B. L. HUTCHINSON, *Superintendent.* M. ALBERTAZZI, *Mine Foreman.*

RUFFNER COAL COMPANY.

ACCOVILLE.

No. 671. *Ruffner.—Drift.*—Operating the Eagle seam, five feet thick. Located at Accoville, on Buffalo branch of the C. & O. R. R. Ventilation, produced by fan. Roof has bad draw slate in some parts of mine. Timbering and drainage good. Coal mined by electric machines and hauled by motors. Mine on development.

C. L. DONEVANT, *Superintendent.* GUYN RUFFNER, *Mine Foreman.*

SHAMROCK COAL COMPANY.

LOGAN.

No. 672. *Litz.—Drift.*—Operating the Island Creek seam, 6 feet 2 inches thick. Located on Island Creek about two miles above Logan. The ventilation is produced by a six foot fan and is very good. The roof is sandstone and is good. Drainage is good. The coal is undercut by electrical machinery and hauled by mules and motors. The mine's capacity is about 700 tons per day.

J. B. AGEE, *Superintendent.* WILLIAM T. SPICER, *Mine Foreman.*

SHAMROCK COAL COMPANY.

LOGAN.

No. 673. *Smith.—Drift.*—Operating Island Creek seam, six feet thick. Located about two miles above Logan on the Island Creek branch of C. & O. R. R. Ventilation produced by six foot fan. Coal mined by electric machines, hauled by mules. Roof and drainage good. Mine on development.

J. B. AGEE, *Superintendent.* W. T. GOSNEY, *Mine Foreman.*

SOVEREIGN COAL COMPANY.

SOVEREIGN.

No. 674. *Sovereign Nos. 1 and 2.—Drift.*—Operating the No. 2 Gas seam which has a thickness of eight feet at this point. Located on the Coal River branch of the C. & O. The ventilation is good, produced by a six foot fan. Drainage good. This mine has a very bad draw slate which is usually taken down or well timbered. The coal is mined by electricity and hauled by motors and mules. The capacity is about 250 tons per day.

J. P. BUMPUS, *Superintendent.* W. D. PETTREY, *Mine Foreman.*

SPRUCE BEND COAL COMPANY.

SHARPLESS.

No. 675. *Sharpless.—Drift.*—Located on the Spruce Fork of Coal River and the Coal River branch of the C. & O. R. R., operating the No. 2 Gas seam, five feet

thick. Room and pillar system; triple entries. Ventilation, produced by five foot fan, is good. Drainage good. The roof consists of treacherous draw slate which has to be taken down or well timbered. Coal is cut with electric machines and hauled with mules and motors. Mine's capacity is about 400 tons per day.
SAMUEL BUTLER, *Superintendent.* CHAS. E. COLEMAN, *Mine Foreman.*

SPRUCE VALLEY COAL COMPANY.

BLAIR.

No. 676. *Spruce Valley.—Drift.*—Operating the No. 2 Gas seam which has a thickness at this point of about six feet and is located at Blair. The ventilation by fan is good. Drainage good. The roof of this mine is good with the exception of draw slate. They are leaving up about a foot of the coal to secure this top. The coal is mined by electricity and hauled by motors. Capacity 450 tons per day.
JOHN WILLS, *Superintendent.* J. HATFIELD, *Mine Foreman.*

STONE BRANCH COAL COMPANY.

STONE BRANCH.

No. 677. *Stone Branch.—Drift.*—Located at Stone Branch on the Guyan branch of the C. & O. R. R., operating the Stone Branch seam with a thickness of four feet six inches. The ventilation in this mine is produced by an eight foot fan and is fair. Drainage good. Parts of the mine are dry and must be kept moist by artificial means. Roof good. Doors and stoppings only fair. Wiring fair. The coal is cut by electricity and pick miners and hauled by motors and mules. The capacity of this mine is about 600 tons per day.
CHAS. JONES, *Superintendent.* WALTER CUTHBERTON, *Mine Foreman.*

H. B. SUMMERS COAL COMPANY.

ACCOVILLE.

No. 678. *Summers.—Drift.*—Operating the Eagle seam which is seven feet thick. Located at Lax. The ventilation is by a four foot fan and is good. Drainage, roof and timbering good. Doors and stoppings fairly good. The coal is mined by electricity and hauled by mules. Capacity about 300 tons per day.
H. E. SUMMERS, *Superintendent.* JAMES CARICHAEL, *Mine Foreman.*

SUNBEAM COAL COMPANY.

FORT BRANCH.

No. 679. *Sunbeam.—Drift.*—Located on Dingess Run about five miles from Logan and is on the Guyan branch of the C. & O. R. R., operating the Winifrede seam which is about four feet six inches thick. The ventilation is fair, produced by a six foot fan. The roof is good. Drainage good. Coal mined by electricity and hauled by motors. Capacity about 300 tons per day.
H. E. KING, *Superintendent.* SAMUEL ROEBUCK, *Mine Foreman.*

D. C. THOMAS COAL COMPANY.

BLAIR.

No. 680. *Grace.—Drift.*—Operating the No. 2 Gas seam which has a thickness of about six feet and located at Blair. The ventilation is produced by a six foot fan and is very good, there being two separate splits in the current. This mine has had draw slate which had to be taken down or well timbered. They are now using an electric machine that cuts the coal about a foot to eighteen inches from the roof and so far this coal is holding good. It has made a great change in this mine. Drainage, timbering and stoppings good. The mining is done by electricity and hauling by mules and motor. The capacity is about 400 tons per day.
D. C. THOMAS, *Superintendent.* A. R. THOMAS, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 681. *Island Creek No. 1.—Drift.*—Located at Holden, operating the No. 2 Gas seam, which is about six and one-half feet thick, with a good sandstone roof as is found in all the Main Island Creek and Island Creek operations, the rooms are driven from 26 to 32 feet wide and are driven up 250 to 300 feet, and, in many places, no timber used. The developments are on the four entry system, and the ventilation, produced by a 13½ by 7-foot fan, is well distributed through six separate splits in this mine. This ventilation was good except in a few places. Doors and stoppings in good condition. Drainage good, and every care is taken to keep the mine in a thoroughly good condition. The coal is undercut with electric machines and hauled by electric motors. This Company has a system throughout all its mines, of drawing pillars, which is working very satisfactorily and enables them to take out a great percentage of coal. The second opening meets lawful requirements and the law in every respect is being complied with in this mine. The mine has a capacity of about 2800 tons per day.

A. R. BEISEL, *General Manager.* H. PRICHARD, *Mine Foreman.*
I. W. SNYDER, *Superintendent.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 682. *No. 2.—Drift.*—Operating the Island Creek or No. 2 Gas seam of coal with a thickness of six feet six inches. Located at Holden on Island Creek. The ventilation is produced by a thirteen foot fan and is good. Drainage good. This mine has an excellent sandstone roof. The coal is undercut with electric chain machines and pick miners and is hauled by motors and mules. The capacity of this mine is about 2500 tons per day.

A. R. BEISEL, *General Manager.* DAVID GLAZIER, *Mine Foreman.*
I. W. SNYDER, *Superintendent.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 683. *No. 3.—Drift.*—Operating on the Island Creek or No. 2 Gas seam, six feet six inches thick. Located on Whitman Creek, a branch of Island Creek. The ventilation is produced by a ten foot fan and is good. Drainage good. Roof is of good sandstone and requires very little propping. The coal is cut by electricity and hauled by motors. The capacity of this mine is about 1500 tons per day.

A. R. BEISEL, *General Manager.* C. B. HUGHES, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 684. *No. 4.—Drift.*—Located on Whitman Creek, a branch of Island Creek, operating the Island Creek or No. 2 Gas seam of coal which at this point has a six foot six inches thickness. The ventilation is by a ten foot fan and is good. Drainage is good and the mine has an excellent sandstone roof, requiring very little propping. The coal is undercut with electric chain machines and hauled by motor. The capacity of this mine is 1500 tons per day.

A. R. BEISEL, *General Manager.* A. L. DAVIDSON, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 685. *Nos. 5 & 6.—Drifts.*—Located on the Island Creek extension of Guyan Valley branch of the C. & O. R. R., operating the Island Creek No. 2 Gas seam which is six feet six inches thick at this point. Ventilation is produced by a ten foot fan and is good. Excellent sandstone roof. Doors and stoppings good. Coal is mined by electricity and hauled by motors. Mine's capacity is about 1500 tons per day.

A. R. BEISEL, *General Manager.* A. T. WOODS, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 686. *No. 7.—Slope.*—Located at Holden, operating the Island Creek or No. 2 Gas seam, which has a thickness of about six feet six inches. The mine has a good sandstone roof, and is developed on the four entry system. Ventilation is produced by a twelve foot fan and is good. Drainage is good. Doors and stoppings good. Coal is hauled by a conveyor to a steel tipple with a capacity of 3000 tons per day. This mine is well equipped and, from the method of work adopted, it is intended that it shall be one of the largest producers in the state. Electric machines are used for undercutting and the coal is hauled by motors.

W. S. PARSONS, *Superintendent.* JAMES CHAMBERS, *Mine. Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 687. *No. 8.—Drift.*—Operating the Island Creek or No. 2 Gas seam, which has a thickness of about 6 feet 6 inches, with the usual good roof found in the Island Creek mines. Located at Holden, on Island Creek. The developments are on the four entry system and the coal is handled over a steel tipple with a capacity of about 3000 tons per day. This mine is capable of being one of the largest producers in the state. It is well ventilated by a twelve foot fan and drainage is also good. The coal is cut and hauled by electrical machinery. The capacity of this mine is about 1600 tons per day.

W. S. PARSONS, *Superintendent.* I. H. CURRY, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 688. *Nos. 9 & 10.—Drifts.*—Located at Holden, and operating the Island Creek or No. 2 Gas seam, which has a thickness of about six and one-half feet. The ventilation is produced by a four foot fan and is fairly good. Very little, if any, timber is used in rooms. Drainage and roof good. The coal is cut and hauled with electrical machinery and the capacity is about 900 tons per day.

A. R. BEISEL, *General Manager.* GEORGE THOMPSON, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 689. *Mallory No. 11.*—This is a new mine located on Main Island Creek about four miles from Logan, and is a slope mine about 100 feet deep, operating the Island Creek seam, 6 feet 8 inches thick. Ventilation natural until fan can be erected. This mine is well equipped, steel tipple, with all improvements for preparing coal of all grades. Electricity is used for mining, hauling, and all machinery in tipple. This promises to be one of the largest mines in this district.

A. R. BEISEL, *Superintendent.* JAMES HASLAM, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 690. *Mallory No. 12.*—This is a new mine located on Main Island Creek about four miles from Logan. It is a slope mine about 100 feet deep, operating the Island Creek seam, 6 feet 8 inches thick. Ventilation natural until fan can be erected. This mine well equipped, steel tipple, with all improvements for preparing coal of all grades. Electricity is used for mining, hauling, and all machinery in tipple. This promises to be one of the largest mines in this district.

A. R. BEISEL, *Superintendent.* JAMES HASLAM, *Mine Foreman.*

VIRGINIA-BUFFALO COAL COMPANY.

AMHERSTDALE.

No. 691. *Virginia-Buffalo.—Drift.*—Operating the Eagle seam, six feet thick. Located on Buffalo Creek. The ventilation is produced by a six foot fan and is good. The roof and timbering are good. Drainage good. The coal is undercut with electric machines and hauled by mules. Capacity is about 350 tons per day.

I. N. SCHWEITZER, *Superintendent.* R. V. WALDRON, *Mine Foreman.*

H. T. WILSON COAL COMPANY.

LOGAN.

No. 692. *Wilson.—Drift.*—Operating the Draper seam which has a thickness of four and one-half feet. Located at Logan. Good roof and drainage. Ventilation produced by a ten foot fan and is fair. Doors and stoppings in fair condition. No explosive gas is liberated. Mine is generally dry throughout and has to be dampened by artificial means throughout the winter. The electric wiring is fair. The coal is undercut with electrical machinery and hauled by motors and mules. Capacity is about 700 tons per day.

THOS. WILSON, *Superintendent.* A. F. MITCHELL, *Mine Foreman.*

YUMA COAL & COKE COMPANY.

LOGAN.

No. 693. *Yuma.—Drift.*—Operating the Island Creek seam with a thickness of six feet six inches. Located on Main Island creek about two miles above Logan. Ventilation by a seven foot fan is good. Roof and drainage good. The coal is mined by electricity and hauled by motors. The capacity of this mine is 900 tons per day.

THOMAS F. DOWNING, *Superintendent.* W. L. STEPHENS, *Mine Foreman.*

RALEIGH COUNTY.

CLEAR FORK COAL COMPANY.

JARROLDS VALLEY.

No. 694. *Leevale Mine.*—Is located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Coal River; is a drift opening operating the Coalburg seam, which is from five to six feet thick, on the room pillar system with double entries. The ventilation produced by a five-foot fan is good. A large part of the roof is good sand stone. Drainage good. The coal is undercut with electric chain machines and hauled with motors. The mine is capable of producing 450 tons per day.

JOHN W. BRANHAM, *Superintendent.* WM. COINER, *Mine Foreman.*

FOUR STATES COAL & COKE COMPANY.

DOROTHY.

No. 695. *Dorothy.—Drift.*—Reached by a three-thousand foot incline, located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Coal River, operates the Dorothy seam, which is eleven feet six inches thick. The ventilation is good produced by a ten-foot fan conducted by stone and concrete stoppings and overcasts Roof and drainage good. Coal undercut by elec-

tric chain machines and hauled by motors. Mine's capacity is 1600 tons per day.
C. E. SANDBERG, *Superintendent.* ROBERT LONGSTAFF, *Mine Foreman.*
CHARLES E. FOSTER, *Mine Foreman.*

FOUR STATES COAL AND COKE COMPANY.

DOROTHY.

No. 696. *Sarita.—Drift.*—Reached by a twenty-eight hundred foot incline, located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Coal River, operating the Dorothy seam, which is eleven feet six inches thick. Room and pillar system with double entries. The ventilation produced by a ten-foot fan is good. Roof and drainage good. The coal is undercut by electric chain machines and hauled by electric motors. Capacity is about 1400 tons per day.
C. E. SANDBERG, *Superintendent.* ED. HOPE, *Mine Foreman.*
A. D. HEMMINGS, *Mine Foreman.*

MARSH FORK SPLINT & GAS COAL COMPANY.

JARROLDS VALLEY.

No. 697. *Marsh Fork.—Drift.*—Operating the Coalburg seam, the thickness of which is five feet six inches. Located at Marsh Fork, a branch of Coal River, on the Coal River branch of the C. & O. R. R. Ventilation produced by fan. Roof good except draw slate. Drainage good. Coal is cut with electric chain machines and hauled with electric motors. Capacity is about 400 tons per day.
W. H. PETTUS, *Superintendent.* JOHN RUTHERFORD, *Mine Foreman.*

SEVENTH DISTRICT.

GENERAL SUMMARY FOR THE SEVENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Fayette... (Part)	11	3	57	384	68	198	707	118	......	118	825	680,929	....
Kanawha. (Part)	69	17	785	2,123	434	1,296	4,638	691	......	691	5,329	3,611,048	....
Totals....	80	20	842	2,507	502	1,494	5,345	809	......	809	6,154	4,291,977	....

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE SEVENTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE COUNTY			
Christian Colliery Co.	Powelton No. 1	9-25-14	E. J. Mason
Christian Colliery Co.	Eagle No. 1	9-25-14	E. J. Mason
Christian Colliery Co.	No. 2	10-19-14	J. I. Absalom
Christian Colliery Co.	No. 1	10-20-14	J. I. Absalom
Christian Colliery Co.	Mahan No. 1	2-17-15	E. J. Mason
Christian Colliery Co.	Eagle No. 1	6-11-15	E. J. Mason
Christian Colliery Co.	Powelton No. 2	6-11-15	E. J. Mason
Milburn Coal Co.	Milburn	9-24-14	E. J. Mason
Milburn Coal Co.	Milburn	12-17-14	E. J. Mason
Milburn Coal Co.	Milburn	3-22-15	E. J. Mason
Solvay Collieries Co.	No. 1 A	9-22-14	E. J. Mason
Solvay Collieries Co.	No. 1 B	9-22-14	E. J. Mason
Solvay Collieries Co.	Kingston 3, 4, & 5	9-23-14	E. J. Mason
Solvay Collieries Co.	Westerly No. 1	9-24-14	E. J. Mason
Solvay Collieries Co.	Nos. 3. 4 & 5	12-15-14	E. J. Mason
Solvay Collieries Co.	No. 1 A	12-16-14	E. J. Mason
Solvay Collieries Co.	No. 1 B	12-16-14	E. J. Mason
Solvay Collieries Co.	No. 1 A	3-23-15	E. J. Mason
Solvay Collieries Co.	No. 1 B	3-23-15	E. J. Mason
Solvay Collieries Co.	Baby	3-23-15	E. J. Mason
Solvay Collieries Co.	Westerly No. 1	3-24-15	E. J. Mason
Solvay Collieries Co.	Nos. 3, 4 & 5	3-25-15	E. J. Mason
KANAWHA COUNTY			
Belmont Coal Co.	Belmont	10-21-14	E. J. Mason
Belmont Coal Co.	Belmont	1- 4-15	E. J. Mason
Belmont Coal Co.	Belmont	3-26-15	E. J. Mason
Belmont Coal Co.	Belmont	5-13-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Cherokee	7-13-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Caledonia	7-14-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Red Warrior	7-14-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Quarrier	7-15-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Holly	7-15-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Davis	8- 4-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Ruby	8-10-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Belleclare	8-13-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Gas	8-18-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Splint	8-19-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Keystone	9- 1-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Acme	9- 2-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Buckeye	9- 8-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Empire	9- 9-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Black Tulip	9- 9-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Shamrock	9-10-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Rose	9-11-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Cherokee	9-15-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon Gas	10-12-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Black Tulip	10-15-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon West	10-16-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon East	11- 9-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Kayford No. 1	11-10-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Kayford No. 2	11-10-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Thistle	11-11-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Quarrier	11-12-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Holly	11-12-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Red Warrior	11-13-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Splint	11-16-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Belleclare	11-18-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Gas	11-19-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Cherokee	11-20-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Ruby	12- 1-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Davis	12-10-14	E. J. Mason
Cabin Creek Consolidated Coal Co.	Keystone	1-19-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Black Tulip	1-20-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Acme	1-20-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Empire	1-21-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Buckeye	1-21-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Shamrock	1-22-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Cherokee	2- 4-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Red Warrior	2- 5-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Caledonia	2- 5-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Quarrier	2-11-15	E. J. Mason

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
KANAWHA CO.—Continued			
Cabin Creek Consolidated Coal Co.	Holly	2-12-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Rose	2-23-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Kayford No. 1	2-24-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	No. 2	2-24-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon Gas	2-25-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Thistle	2-25-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon West	2-26-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon East	3- 1-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Gas	3- 2-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Splint	3- 3-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Shamrock	3-15-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Shamrock	3-16-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Belleclare	3-31-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Davis	4- 5-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Ruby	4-12-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Empire	4-19-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Buckeye	4-20-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Keystone	4-21-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Quarrier	4-22-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Acme	4-28-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Black Tulip	4-29-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Holly	5- 6-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Red Warrior	5- 7-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Cherokee	5-10-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Kayford No. 1	5-24-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon Gas	5-25-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Thistle	5-25-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Shamrock	5-26-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Rose	5-27-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 West	5-28-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	Kayford No. 2	5-31-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Splint	6-14-15	E. J. Mason
Cabin Creek Consolidated Coal Co.	United Gas	6-15-15	E. J. Mason
Carbon Coal Co.	Splint	7-28-14	E. J. Mason
Carbon Coal Co.	Gas	7-29-14	E. J. Mason
Carbon Coal Co.	Low Sulphur	8-17-14	E. J. Mason
Carbon Coal Co.	South Gas	9- 4-14	E. J. Mason
Carbon Coal Co.	Splint	1-25-15	E. J. Mason
Carbon Coal Co.	Gas	1-27-15	E. J. Mason
Carbon Coal Co.	Low Sulphur	1-28-15	E. J. Mason
Carbon Coal Co.	Low Sulphur	5-12-15	E. J. Mason
Carbon Coal Co.	Gas	5-17-15	E. J. Mason
Carbon Coal Co.	Splint South	5-19-15	E. J. Mason
Carter-Spencer Coal Co.	Hill	11-30-14	E. J. Mason
Chesapeake Mining Co.	No. 2	7-31-14	E. J. Mason
Chesapeake Mining Co.	No. 1	8-27-14	E. J. Mason
Chesapeake Mining Co.	No. 1	11- 6-14	E. J. Mason
Chesapeake Mining Co.	No. 1	2- 1-15	E. J. Mason
Chesapeake Mining Co.	No. 1	2-18-15	E. J. Mason
Chesapeake Mining Co.	Old Dominion	4-23-15	E. J. Mason
Chesapeake Mining Co.	No. 1	5-14-15	E. J. Mason
Coalburg Colliery Co.	Ronda	7- 6-14	E. J. Mason
Coalburg Colliery Co.	Belmont	7- 7-14	E. J. Mason
Coalburg Colliery Co.	Ronda	10-27-14	E. J. Mason
Coalburg Colliery Co.	Belmont	11- 5-14	E. J. Mason
Coalburg Colliery Co.	Ronda	4-26-15	E. J. Mason
Coalburg-Kanawha Coal Co.	A	8- 3-14	E. J. Mason
Coalburg-Kanawha Coal Co.	B	8- 3-14	E. J. Mason
Coalburg-Kanawha Coal Co.	A	10-19-14	E. J. Mason
Coalburg-Kanawha Coal Co.	B	10-19-14	E. J. Mason
Coalburg-Kanawha Coal Co.	A	1-18-15	E. J. Mason
Coalburg-Kanawha Coal Co.	B	1-18-15	E. J. Mason
Coalburg-Kanawha Coal Co.	A	4- 2-15	E. J. Mason
Coalburg-Kanawha Coal Co.	B	4- 2-15	E. J. Mason
Coalburg-Kanawha Coal Co.	A	6- 1-15	E. J. Mason
Coalburg-Kanawha Coal Co.	B	6- 1-15	E. J. Mason
Dry Branch Coal Co.	No. 4	10-26-14	E. J. Mason
Dry Branch Coal Co.	No. 5	10-26-14	E. J. Mason
Dry Branch Coal Co.	No. 6	10-26-14	E. J. Mason
East Bank Mining Co.	East Bank	7- 3-14	E. J. Mason
East Bank Mining Co.	East Bank	10-22-14	E. J. Mason
East Bank Mining Co.	East Bank	1-29-15	E. J. Mason
East Bank Mining Co.	East Bank	6- 4-15	E. J. Mason
Eureka Coal Co.	No. 6	8-28-14	E. J. Mason
Eureka Coal Co.	No. 1	9-18-14	E. J. Mason
Eureka Coal Co.	No. 2	10-23-14	E. J. Mason

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
KANAWHA CO.—Continued			
Eureka Coal Co.	No. 6	12-31-14	E. J. Mason
Eureka Coal Co.	No. 1	1- 8-15	E. J. Mason
Eureka Coal Co.	No. 1	3-17-15	E. J. Mason
Eureka Coal Co.	No. 6	3-19-15	E. J. Mason
Eureka Coal Co.	No. 1	4-30-15	E. J. Mason
Eureka Coal Co.	No. 2	5-21-15	E. J. Mason
Imperial Colliery Co	No. 1	9-21-14	E. J. Mason
Imperial Colliery Co.	No. 1	10-16-14	Jno. I. Absalom
Imperial Colliery Co.	No. 3	10- 8-14	E. J. Mason
Imperial Colliery Co.	No. 3	10-15-14	Jno. I. Absalam
Imperial Colliery Co.	No. 3	2-15-15	E. J. Mason
Imperial Colliery Co.	No. 4	2-10-15	Jno. I. Absalam
Imperial Colliery Co.	No. 1	2-16-15	E. J. Mason
Imperial Colliery Co.	No. 4	2-16-15	E. J. Mason
Imperial Colliery Co.	No. 4	6- 9-15	E. J. Mason
Imperial Colliery Co.	No. 1	6-10-15	E. J. Mason
Imperial Colliery Co.	No. 4	6-28-25	E. J. Mason
Imperial Colliery Co.	No. 4	6-28-15	Jno I. Absalom.
Kanawha River Coal Co.	No. 2 Gas	2- 3-15	E. J. Mason
Kanawha River Coal Co.	No. 2 Gas	6- 7-15	E. J. Mason
Lewis Coal & Coke Co.	Lewis	10- 2-14	E. J. Mason
Lewis Coal & Coke Co.	Lewis	12-18-14	E. J. Mason
Lewis Coal & Coke Co.	Lewis	3- 8-15	E. J. Mason
Lewis Coal & Coke Co.	No. 2	3-18-15	E. J. Mason
Lewis Coal & Coke Co.	No. 2	6-21-15	E. J. Mason
Lewiston Block Coal Co.	Lewiston	11-27-14	E. J. Mason
Marmet Coal Co.	New Butler	8- 6-14	E. J. Mason
Marmet Coal Co.	Black Band	8- 7-14	E. J. Mason
Marmet Coal Co.	Black Band	1-12-15	E. J. Mason
Marmet Coal Co.	New Butler	1-13-15	E. J. Mason
Marmet Coal Co.	New Butler	5- 3-15	E. J. Mason
Marmet Coal Co.	Black Band	5- 4-15	E. J. Mason
Montgomery Coal Co	Upper Creek	7-24-14	E. J. Mason
Montgomery Coal Co.	Upper Creek	11- 7-14	E. J. Mason
Montgomery Coal Co.	Upper Creek	1- 6-15	E. J. Mason
Montgomery Coal Co.	Upper Creek	4- 6-15	E. J. Mason
National Bituminous Coal & Coke Co.	No. 2 Gas	7-16-14	E. J. Mason
National Bituminous Coal & Coke Co.	Splint No. 5	7-17-14	E. J. Mason
National Bituminous Coal & Coke Co.	No. 8	10- 5-14	E. J. Mason
National Bituminous Coal & Coke Co.	No 8	12-22-14	E. J. Mason
National Bituminous Coal & Coke Co.	Gas No. 2	1-11-15	E. J. Mason
National Bituminous Coal & Coke Co.	No. 2	4- 5-15	John I. Absalom
National Bituminous Coal & Coke Co.	Splint No. 5	1-14-15	E. J. Mason
Paint Creek Collieries Co.	Paint Creek	9-14-14	E. J. Mason
Paint Creek Collieries Co.	Scranton	9-16-14	E. J. Mason
Paint Creek Collieries Co.	Wacomah	9-17-14	E. J. Mason
Paint Creek Collieries Co.	Banner	9-27-14	E. J. Mason
Paint Creek Collieries Co.	Grose No. 2	10- 9-14	E. J. Mason
Paint Creek Collieries Co.	Paint Creek	12-28-14	E. J. Mason
Paint Creek Collieries Co.	Scranton	12-29-14	E. J. Mason
Paint Creek Collieries Co.	Grose No. 2	12-30-14	E. J. Mason
Paint Creek Collieries Co.	Wacomah	1- 5-15	E. J. Mason
Paint Creek Collieries Co.	Banner	2-19-15	E. J. Mason
Paint Creek Collieries Co.	Grose No. 2	4-15-15	E. J. Mason
Paint Creek Collieries Co.	Scranton	4-27-15	E. J. Mason
Paint Creek Collieries Co.	Wacomah	5- 5-15	E. J. Mason
Republic Coal Co.	No. 3	8-11-14	E. J. Mason
Republic Coal Co.	No. 5	8-11-14	E. J. Mason
Republic Coal Co.	No. 1	8-12-14	E. J. Mason
Republic Coal Co.	No. 2	8-12-14	E. J. Mason
Republic Coal Co.	No. 1	12- 2-14	E. J. Mason
Republic Coal Co.	No. 3	12- 2-14	E. J. Mason
Republic Coal Co.	No. 2	12- 3-14	E. J. Mason
Republic Coal Co.	No. 5	12- 3-14	E. J. Mason
Republic Coal Co.	No. 1	1-26-15	E. J. Mason
Republic Coal Co.	No. 5	1-26-15	E. J. Mason
Republic Coal Co.	No. 1	4-13-15	E. J. Mason
Republic Coal Co.	No. 3	4-13-15	E. J. Mason
Republic Coal Co.	No. 5	5-18-15	E. J. Mason
Republic Coal Co.	No. 2	5-20-15	E. J. Mason
Republic Coal Co.	No. 2	6-29-15	John I. Absalom
Republic Coal Co.	No. 5	6-29-15	E. J. Mason
Southwestern Splint Fuel Co.	Black Cat	7-30-14	E. J. Mason
Southwestern Splint Fuel Co.	Black Cat	10-20-14	E. J. Mason
Southwestern Splint Fuel Co.	Black Cat	12-21-14	E. J. Mason
Southwestern Splint Fuel Co.	Black Cat	3- 9-15	E. J. Mason

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
KANAWHA CO.—Continued			
Southwestern Splint Fuel Co	Black Cat	4-16-15	E. J. Mason
Standard Splint & Gas Coal Co	Standard	9-29-14	E. J. Mason
Standard Splint & Gas Coal Co	Standard	2- 2-15	E. J. Mason
Standard Splint & Gas Coal Co	Standard	5-11-15	E. J. Mason
Wake Forest Mining Co	Wake Forest	7-27-14	E. J. Mason
Wake Forest Mining Co	Wake Forest	12-14-14	E. J. Mason
Wake Forest Mining Co	Wake Forest	3-29-15	E. J. Mason
Wake Forest Mining Co	Wake Forest	6- 3-15	E. J. Mason
West Virginia Colliery Co	No. 3	8-20-14	E. J. Mason
West Virginia Colliery Co	No. 1	8-21-14	E. J. Mason
West Virginia Colliery Co	No. 4	9- 3-14	E. J. Mason
West Virginia Colliery Co	No. 1	11-17-14	E. J. Mason
West Virginia Colliery Co	No. 4	12- 8-14	E. J. Mason
West Virginia Colliery Co	No. 3	12- 9-14	E. J. Mason
West Virginia Colliery Co	No. 4	3- 4-15	E. J. Mason
West Virginia Colliery Co	No. 3	3- 5-15	E. J. Mason
West Virginia Colliery Co	No. 1	3-30-15	E. J. Mason
West Virginia Colliery Co	No. 4	6-16-15	E. J. Mason
West Virginia Colliery Co	No. 3	6-17-15	E. J. Mason
West Virginia Colliery Co	No. 1	6-30-15	E. J. Mason
Winifrede Coal Co	South	7-20-14	E. J. Mason
Winifrede Coal Co	West	7-21-14	E. J. Mason
Winifrede Coal Co	North	7-22-14	E. J. Mason
Winifrede Coal Co	Belmont	8-26-14	E. J. Mason
Winifrede Coal Co	South	11-23-14	E. J. Mason
Winifrede Coal Co	West	11-24-14	E. J. Mason
Winifrede Coal Co	North	11-25-14	E. J. Mason
Winifrede Coal Co	South	3-10-15	E. J. Mason
Winifrede Coal Co	West	3-11-15	E. J. Mason
Winifrede Coal Co	North	3-12-15	E. J. Mason
Wyatt Coal Co	Horton North	7- 1-14	E. J. Mason
Wyatt Coal Co	Horton South	7- 2-14	E. J. Mason
Wyatt Coal Co	Berlin	8-24-14	E. J. Mason
Wyatt Coal Co	Oakley	8-25-14	E. J. Mason
Wyatt Coal Co	Horton South	8-31-14	E. J. Mason
Wyatt Coal Co	Horton North	12- 4-14	E. J. Mason
Wyatt Coal Co	Berlin	12- 7-14	E. J. Mason
Wyatt Coal Co	Oakley	12-11-14	E. J. Mason
Wyatt Coal Co	Horton South	1-15-15	E. J. Mason
Wyatt Coal Co	Oakley	4- 1-15	E. J. Mason
Wyatt Coal Co	Horton North	4- 8-15	E. J. Mason
Wyatt Coal Co	Horton South	4- 9-15	E. J. Mason
Wyatt Coal Co	Berlin	4-14-15	E. J. Mason
Wyatt Coal Co	Horton North	6-18-15	E. J. Mason

INSPECTOR'S REPORT.

MONTGOMERY, W. Va., September 13, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith respectfully submit to you my annual report as Inspector of the Seventh District for the year ending June 30th, 1915, which district is composed of ninety-two mines located in Kanawha and part of Fayette Counties. The mines in this district are in a reasonably good condition except for roof which in some places is to some extent neglected by both miners and operators, which causes so many fatal accidents. A great many accidents in our state could be avoided if the miner, himself, was more cautious in setting up the timber, or taking down loose slate.

Another thing necessary for the reduction of mine accidents in my opinion is to educate the miner thoroughly in the many dangers of coal mining. A great deal has been said, about enforcing more rigid discipline in coal mines as a preventative for mine accidents. In my opinion, discipline is an absolute necessity, but it is a very hard matter to discipline an ignorant person. Before mine accidents can be reduced to a minimum it will be necessary to educate the mine workers. If this is done and every miner takes the necessary precaution to keep himself safe, knowing that loose slate will fall and kill him and loose coal will do likewise, as well as to obey the orders of their superior as to going into abandoned places, riding haulage trips, handling explosives, etc., many of the accidents that now happen will cease.

A number of mines in my district are very dry and dusty. I have tried to impress the operators with the importance of keeping them wet, as I think a great many accidents could be avoided if all dry mines continuously kept a relative humidity not less than a hundred per cent.

I wish to express, with a feeling of gratitude, my appreciation of your counsel, advice and assistance, which has proven very valuable in the discharge of my duty. I also wish to thank the coal operators, superindendents, mine foremen and miners for their prompt and hearty cooperation in the performance of my duties, and a continuation of which is most heartily desired.

Very respectfully yours,
ELI J. MASON,
Mine Inspector Seventh District.

NEW MINES.

Old Dominion, No. 4 at Handley.
No. 4 at Burnwell.

ABANDONED MINES.

Chesapeake No. 3.
Possom Hollow.
North Carbon.

IDLE DURING THE YEAR.

Chesapeake No. 2.
Mecca Gas.
Mecca Splint.
Grose No. 2.
Nos. 3, 4, and 5, at Donwood.

FAYETTE COUNTY.

CHRISTIAN COLLIERY COMPANY.

MAHAN.

No. 701. *Eagle No. 1.*—This mine is a drift mine located on the Paint Creek Branch of the C. & O. Ry., operating the Eagle Seam which is five and one-half feet in thickness and carries a parting in the center of about four inches in thickness. The coal is gathered and hauled to the outside by two five ton Jeffrey Motors. The coal is undercut by electric chain machines. The roof is not good and requires careful timbering to keep safe. Ventilation is produced by a ten foot Thayer fan and is good. The drainage is good. This mine is capable of producing four hundred tons per day. The mining laws are fully complied with.

QUIN MORTON, *Genl. Manager.* GEORGE WALL, *Mine Foreman.*
D. H. MORTON, *Superintendent.*

CHRISTIAN COLLIERY COMPANY.

MAHAN.

No. 702. *Powellton.*—This mine is a drift mine located at Mahan, on the Paint Creek Branch of the C. & O. Ry. The coal is of a very hard nature. Is four feet in thickness and clean. The coal is undercut by an electric chain machine and hauled by two five ton Jeffrey Motors to the Eagle No. 1 headhouse and runs over the same incline with an output of one hundred and fifty tons per day. The roof is good; drainage good. The ventilation is produced by three two and one-half feet fans which gives good results. The mining laws are fully complied with.

QUIN MORTON, *Genl. Manager.* GEORGE WALL, *Mine Foreman.*
D. H. MORTON, *Superintendent.*

LEWIS COAL AND COKE CO.

CHELYAN.

No. 703. *Lewis No. 1.*—This is a drift mine located on the main line of The C. & O. Ry., operating the Lewiston seam, which is four feet in thickness, on the double entry system. Ventilation is produced by a five foot fan which is good. Drainage is good. Some parts of the mine roof is not good. Coal is undercut by an electric chain machine and hauled to the outside by an electric motor. The mine is capable of producing four hundred tons per day. The mining laws are reasonably well complied with.

S. A. LEWIS, *Genl. Manager & Superintendent.* ROBERT ODELL, *Mine Foreman.*

MARMET COAL COMPANY.

MARMET.

No. 704. *New Butler.*—This mine is located on The West Virginia and Southern Railroad on Lens Creek. It has a drift opening, operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system, with double entrys. Ventilation is produced by a ten foot fan and is reasonably good. Owing to natural conditions in some parts the drainage is not good. The coal is undercut by electric chain machines and hauled to the tipple by electric motor. This mine is capable of producing four hundred tons per day. The mining laws are reasonably well complied with.

EDWIN MARMET, *Genl. Manager.* J. A. PORTER, *Mine Foreman.*
THOS. OLIVER, *Superintendent.*

MILBURN COAL COMPANY.

MILBURN.

No. 705. *Milburn No. 1.*—This is a drift mine located at Milburn, on the Paint Creek Branch of the C. & O. Ry., about 18 miles from the main line. The Eagle seam is operated on double and triple entry system, and is from six and one-half to seven feet in thickness. The grades are uniform, ventilation is produced by a six foot fan driven by electricity, which gives good results. The coal is cut by electric chain machines and gathered to partings by three five ton Jeffrey motors; from there it is hauled to the headhouse over a tram road of about one mile by a 13 ton Jeffrey motor. The roof is not good and requires careful timbering. Drainage good. The mine generally is in good condition and the mining laws are fully complied with.

D. H. MORTON, *Superintendent.* G. B. SMEDLEY, *Mine Foreman.*

MONTGOMERY COAL CO.

MONTGOMERY.

No. 706. *Kanawha River.*—This is a drift mine, located on the main line of the C. & O. Ry., operating the No. 2 Gas seam, which is seven feet in thickness, and carries a parting from seven inches to two feet in thickness. The roof and drainage is good. Ventilation is produced by a six foot fan and gives good results. The coal is undercut by electric chain machines and hauled to the outside with mules. The mining laws are fully complied with.

S. H. MONTGOMERY, *Genl. Manager.* A. B. THOMPSON,
Superintendent and Mine Foreman.

MONTGOMERY COAL COMPANY.

MONTGOMERY.

No. 707. *Upper Creek.*—This is a drift mine, located on the main line of the C. & O. Ry., operated in the Kanawha seam which is four and one-half feet in thickness, on the double entry system. The roof is not good in some sections. Drainage is good. Ventilation is produced by a nine foot fan and is very good. Coal is cut by electric chain machine and gathered with mules and hauled to the outside by electric locomotive. This mine is capable of producing four hundred tons per day. The mining laws are reasonably well complied with.

S. H. MONTGOMERY, *General Manager and Superintendent.* S. P. JOHNSON, *Mine Foreman.*

SOLVAY COLLIERY COMPANY.

KINGSTON.

No. 708. *Nos. 1A and 1B.*—This mine is located on the Paint Creek branch of the C. & O. Ry. Is a drift mine, operating the Eagle seam, which is six feet in thickness, on the room pillar system, with double and triple entries. Ventilation is produced by a five foot fan. The coal is cut by electric chain machines and with picks. Is gathered with mules and hauled to the outside with electric motor. The roof is not good and requires careful timbering to keep safe. This mine is capable of producing eighteen hundred tons daily. The mining laws are fully complied with.

J. C. RAWN, *General Manager.* C. R. TURNER, *Mine Foreman.*
HARRY MCKALEP, *Superintendent.*

SOLVAY COLLIERY COMPANY.

KINGSTON.

No. 709. *Nos. 3, 4 and 5.—Drift.*—This mine is located on the Paint Creek branch of the C. & O. Ry., operating the No. 1 Eagle seam, on the double and triple entry system. Ventilation is produced by two fans and one furnace which gives good results. The roof is bad and requires very careful attention as to timbering to prevent accidents. The coal is undercut by electric machines and blasted by both permissible and black powder, and hauled to the headhouse with electric motor. These drifts are capable of producing one thousand tons per day. The mining laws are reasonably well complied with.

J. C. RAWN, *General Manager*. W. D. NUNN, *Mine Foreman*.
HARRY MCKALEP, *Superintendent*.

SOLVAY COLLIERY COMPANY.

WESTERLY.

No. 710. *Westerly*.—This mine is located on the Paint Creek branch of the C. & O. Ry., and is a drift mine, operating the Eagle seam, which is six feet in thickness. The ventilation is produced by a five-foot fan and is good. The drainage is good. The roof is not good, which requires careful timbering to keep safe. The coal is gathered with mules and hauled to the outside by electric motor. The mines are capable of producing four hundred tons per day. The mining laws are fully complied with.

J. C. RAWN, *General Manager*. W. B. JUDSON, *Mine Foreman*.
H. A. HEREFORD, *Superintendent*.

KANAWHA COUNTY.

BELMONT COAL COMPANY.

CROWN HILL.

No. 711. *Belmont*.—This is a drift mine, located on the main line of the C. & O. Ry., operating the Coalburg seam, which is five feet in thickness, on double entry system. Ventilation is produced by a seven-foot fan which gives reasonably good results. The roof is not good and requires careful timbering. The drainage is good. The coal is undercut by electric chain machine and gathered with mules and hauled to the outside by electric locomotives. This mine is capable of producing five hundred tons per day. The mining laws are reasonably well complied with.

F. D. BARRON, *General Manager*. R. L. MITCHELL, *Mine Foreman*.
JOE MILLER, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 712. *Acme*.—This mine is located on the Cabin Creek branch of the C. & O. Ry., about 14 miles from the main line. It is a drift mine, operating the Coalburg seam, which is five to six feet in thickness, on room and pillar system with double entries. Ventilation is produced by a five-foot Thayer fan, and is usually found good. The roof is good after a draw slate is removed, which as a rule comes down with the coal. Drainage is good. Fine coal has accumulated along the motor road, which makes it necessary to keep loaded out. The coal is under cut with electric chain machines, gathered with mules and hauled to the outside with electric motor. The mine laws are reasonably complied with.

JOSIAH KEELY, *General Manager*. E. H. OHLINGER, *Mine Foreman*.
W. A. OTEY, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

DECOTA.

No. 713. *Bellclare*.—This mine is located on the Cabin Creek Branch of the C. & O. Ry., and is a drift mine operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight-foot Thayer fan and is good. The roof is good excepting some parts. Drainage is good. The coal is undercut with electric chain machines, and with picks, gathered with mules and hauled to the outside with electric motors. The mine is capable of producing four hundred and fifty tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager*. H. O. YOUNG, *Mine Foreman*.
H. H. DAVIS, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 714. *Buckeye.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight foot Thayer fan and is good. The roof is not good and requires very careful timbering to keep safe. The drainage is good. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside with a six-ton Westinghouse motor. This mine is capable of producing four hundred and fifty tons per day. The mining laws are well complied with.

JOSIAH KEELEY, *General Manager*. F. W. SHORT, *Mine Foreman*.
W. A. OTEY, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 715. *Black Tulip.*—This mine is located on the Cabin Creek Branch of the C. &. O. Ry., operating a No. 2 gas seam, which is five to five and one-half feet in thickness, on room and pillar system, with double entries. Ventilation is produced by a five-foot Thayer fan and is good. The roof is not good and requires careful timbering to keep safe. Drainage is good. On the south side along the hallways it is dry and dusty which necessitates watering to allay the dust. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside with electric motors. The mine is capable of producing six hundred tons per day. The mine laws are well complied with.

JOSIAH KEELEY, *General Manager*. J. A. EADES, *Mine Foreman*.
W. A. OTEY, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

WARRIOR.

No. 716. *Caledonia.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry, and is a drift mine, operating a No. 2 gas seam, which is four feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight-foot Thayer fan which is good. Overlying this mine is a very treacherous draw slate which if not properly timbered or taken down is not safe to work under. The drainage is good. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside. This mine is capable of producing one hundred and fifty tons per day. The mining laws are well complied with.

JOSIAH KEELY, *General Manager*. ROBERT MILLER, *Mine Foreman*.
W. H. MORRIS, *Superintendent*.

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 717. *Cherokee.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by a six-foot Thayer fan and is not satisfactory. The roof is bad in some parts. The drainage is good except the dip entries. The coal is undercut with electric chain machines and with picks, gathered with mules and hauled to the outside by an electric locomotive. This mine is capable of producing three hundred tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* E. L. BREWER, *Mine Foreman.*
W. H. MORRIS, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

OHLEY.

No. 718. *Davis.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., and is a drift mine, operating the Lewiston seam, which is four and one-half feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight-foot Thayer fan and is good. In some parts of the mine the roof is not good and requires careful timbering to keep it safe. The drainage is good. The coal is undercut with electric chain machines and with pick, gathered with mules and hauled to the outside with an electric motor. This mine is capable of producing three hundred and fifty tons per day. The mining laws are well complied with.

JOSIAH KEELEY, *General Manager.* E. G. PAULEY, *Mine Foreman.*
D. W. PARKER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 719. *Empire.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., operating a No. 2 gas seam, and is a drift mine with a coal seam four to four and one-half feet in thickness. On the room pillar system, with double entries. The ventilation is produced by an eight-foot Crawford and McCrimmon fan and gives good results. The drainage is good. The roof is not good in some parts and requires careful timbering to keep straight. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside by an electric motor. This mine is capable of producing three hundred tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* HESS SMOOT, *Mine Foreman.*
W. A. OTEY, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 720. *Holly.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., and is a drift mine, operating a No. 2 gas seam, which is four and one-half feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight-foot Thayer fan and is in fair condition. In some parts of the mine a very dangerous draw-slate overlies the coal which must be properly timbered or taken down to keep the working places safe. The drainage is good except some pillar workings. The coal is undercut with air punching machines and with picks, gathered with mules and hauled to the outside with a tailrope. This mine is capable of producing four hundred tons per day. The mining laws are well complied with.

JOSIAH KEELEY, *General Manager.* JERRY UTT, *Mine Foreman.*
W. H. MORRIS, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 721. *Kayford No. 1.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, and is a drift opening, operating the number two gas seam, and is five and one-half feet in thickness, on the room and pillar system, with double entries, running over the same tipple as Kayford No. 2 mine. Ventilation is produced by a ten-foot Thayer fan and is good. The roof is good except in some pillar work. Drainage good. Some parts of the mine is dry and dusty which necessitates watering to allay the dust. The coal is undercut with electric chain machines and with picks. This mine is producing 500 tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* G. N. HURT, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 722. *Kayford No. 2.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, operating the number two gas seam, which is five and one-half feet in thickness, on room and pillar system, with double entries. Ventilation is produced by a 10-foot Thayer fan and is good. Some parts of the mine roof is not good and requires carefully timbering to keep safe. Drainage is good. The coal is undercut with electric chain machines and gathered with mules, and hauled through the number one mine to the tipple with a ten-ton Morgan-Gardner electric motor. This mine produces about 200 tons per day. Mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* G. N. HURT, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 723. *Keystone.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating a No. 2 gas seam. Is from four and one-half to five feet in thickness. On room and pillars system with double entries. The ventilation produced by a ten-foot Crawford and McCrimmon fan is good. This is one of the oldest mines in this field. Along the hallways are deposited dust which accumulated several years ago and requires careful attention to keep it moist. In some parts of the mine the roof is not good. The coal is all undercut by hand with pick, gathered with mules and hauled to the outside with a six-ton Westinghouse motor. This mine produces about a hundred tons daily. The mine laws are well complied with.

JOSIAH KEELY, *General Manager.* CHAP CASH, *Mine Foreman.*
W. A. OTEY, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 724. *Quarrier.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., and is a drift mine operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by an eight-foot Thayer fan and in some sections of the mine the circulation is not good. In some parts of the mine the roof is not good and must be carefully timbered to keep it safe. The mines are dry in some sections which requires watering to allay the dust. The coal is undercut with air punching machines, by hand with picks, gathered with mules and hauled to the outside with a tail rope. This mine is capable of producing three hundred tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* H. M. DANIELS, *Mine Foreman.*
W. H. MORRIS, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 725. *Raccoon Gas.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, and is a drift opening operating the number two gas seam, which is 5 feet and 4 inches in thickness, with room and double entry system. Ventilation is produced by a ten-foot Thayer fan and is fair.

Stoppings are bad. In one side of the mine the roof is not good and must be carefully timbered to keep safe. The coal is undercut with electric chain machine and by hand with pick, gathered with mules and hauled to the outside with two ten-ton Morgan-Gardner motors. The mine is capable of producing 400 tons per day. The mining laws are reasonably well complied with:

JOSIAH KEELY, *General Manager.* JAMES COLE, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 726. *Raccoon No. 2 East.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, and is a drift opening, operating the Coalburg seam, which is six and one-half feet in thickness, on the room and pillar system, with double entries. The coal is run over the same tipple as the number two west mine. Ventilation is produced by a ten-foot Thayer fan with good results. Drainage is good. In some parts of the mine the roof is not good and requires very careful timbering to keep safe. The coal is undercut with electric chain machines and hand with picks, gathered with mules and hauled to the outside with a ten-ton Jeffrey motor. The mine is capable of producing 400 tons per day. The mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* FRANK CEASOR, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 727. *Raccoon No. 2 West.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, and is a drift opening operating the Coalburg seam, which is six and one-half feet in thickness, on the room and pillar system, with double entries. The coal is run over the same tipple as number two east. Ventilation is produced by a six-foot Stine fan and is good. Drainage is good. In some parts the roof is not good and requires very careful timbering to keep safe. The coal is undercut with electric chain machines and by hand with picks, gathered with mules and hauled to the outside with one six-ton Morgan-Gardner electric motor. This mine produces 350 tons per day. Mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* E. A. CARR, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 728. *Rose.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line and is a drift opening, operating the Coalburg seam which is from six to six and one-half feet in thickness, on the room and pillar system, with double entries. Ventilation is produced by a six-foot Stine fan which is good. The roof is not good and requires very careful timbering to keep it safe. Drainage good. The coal is undercut by electric chain machines, gathered with mules and hauled to the outside with a ten-ton Jeffrey electric motor. The output of this mine is 450 tons per day. The mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* J. A. BRAGG, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

DECOTA.

No. 729. *Ruby.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., and is a drift mine, operating the Coalburg seam, which is five feet in thickness, on the room and pillar system, with double entries. The ventilation is produced by a four-foot Stine fan which is good. The roof is bad and a heavy draw slate must be taken down and the roof carefully timbered to keep safe. The drainage is not good. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside with electric locomotives. This mine is capable of producing three hundred and fifty tons per day. The mining laws are reasonably complied with.

JOSIAH KEELY, *General Manager.* N. D. LEE, *Mine Foreman.*
H. L. DAVIS, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 730. *Shamrock.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry., about 16 miles from the main line, operating the number two gas seam, and is a drift opening which is from 5 to 6 feet in thickness, on the room and pillar system, with double entries. Ventilation is produced by an eight-foot Stine fan and conducted by concrete stoppings and overcasts and is good. The roof is good except in a small part of the north and fourth south entries. In the south part of the mine it is very dry and dusty which requires watering to allay the dust. Drainage good. The coal is undercut with electric chain machines and some by hand with picks, gathered with mules and hauled to the outside with electric motors. This mine is capable of producing 800 tons per day. The mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* P. L. ROSE, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 731. *Thistle.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. about 16 miles from the main line, and is a drift opening operating the number two gas seam, which is five feet in thickness, on the room and double entry system. Ventilation is produced by a ten-foot Thayer fan, which gives good results. The roof is good after a heavy draw slate comes down. Drainage good. The coal is undercut with electric chain machines, but the greater part is undercut by hand with picks, and gathered with mules and hauled to the outside which is tipple height by a six-ton Morgan-Gardner motor. This mine produces about 350 tons per day. The mine laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* J. M. BURGRAFF, *Mine Foreman.*
H. L. FISHER, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WEVOCA.

No. 732. *United Gas.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. and is a drift mine operating a No. 2 gas seam, which is five feet in thickness, on the room and pillar system with double and triple entries. Ventilation is produced by an eight-foot Stine fan and is only fair, caused by bad air-ways. The roof is not good and in some parts of the mine there seems to be no limit to the thickness of slate and rock which comes down. The drainage is good. The mine is dry throughout and requires watering to allay the dust. The coal is undercut by hand and pick and gathered with mules and hauled to the outside with two electric motors. This mine is capable of producing six hundred tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELY, *General Manager.* BRAD HOWERY, *Mine Foreman.*
J. E. STATON, *Superintendent.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WEVOCA.

No. 733. *United Splint.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam which is six feet in thickness. On the room and pillar system with double entries. The ventilation is produced by an eight-foot Thayer fan and is good. The roof is not good and in some parts of the mine a heavy draw slate must be taken down and then be carefully timbered to make safe. The drainage is good. The coal is undercut with electric chain machines and gathered with mules and hauled to the outside by a ten-ton Jeffrey electric motor. This mine is capable of producing four hundred tons per day. The mining laws are reasonably well complied with.

JOSIAH KEELEY, *General Manager.* C. E. HUGHES, *Mine Foreman.*
J. E. STATON, *Superintendent.*

CARBON COAL CO.

CARBON.

No. 734. *Carbon Splint.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam which is six and one half feet in thickness. On Room and Pillar System with double entries. Ventilation is produced by an eight foot Stine fan which gives fair results. The roof is good except a thin draw slate. Drainage is good. Coal is undercut with electric chain machines and hauled with electric motors. This mine produces 700 tons per day. There is a sub-station on the plant which supplies power for 13 operations. The mining laws are fully complied with.

C. A. CABELL, *Genl. Manager.* CHAS. STINNETT, *Mine Foreman.*
R. B. PAYNE, *Superintendent.*

CARBON COAL CO.

NABOB.

No. 735. *Low Sulphur.*—This mine is located on The Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 1 Eagle Seam which is from four to four and one-half feet in thickness. The ventilation is produced by a seven-foot Stine fan which is good. Drainage fair. The roof is good. The coal is undercut with electric chain machines and gathered with mules and hauled to the outside with an electric motor. This mine produces 250 tons per day. The mining laws are reasonably complied with.

C. A. CABELL, *General Manager.* A. F. GEARHART, *Mine Foreman.*
R. B. PAYNE, *Superintendent.*

CARBON COAL CO.

CARBON.

No. 736. *South Carbon—Gas.*—This mine is located on The Cabin Creek Branch of The C. & O. Ry. Is a drift mine operating the No. 2 Gas Seam which is from five to six feet in thickness. Some parts of the mine include a middle slate. It is worked on the Room and Pillar System with double entries. Ventilation is produced by two Stine fans, six and seven feet, which gives good results. Some parts of the roof is not good. Drainage good. Parts of the mine is dry which necessitates watering to allay the dust. The coal is undercut with pick and electric chain machine. Coal is gathered with mules and two five-ton motors and hauled to the outside with one ten-ton electric locomotive. The mining laws are fully complied with.

C. A. CABELL, *General Manager.* J. E. LESUR, *Mine Foreman.*
R. B. PAYNE, *Superintendent.*

CARTER SPENCER CO.

LEWISTON.

No. 737. *South Hill.*—This is a drift mine located on the main line of the C. & O. Ry. operating the Lewiston seam which is three feet in thickness, on room and pillar system. The Ventilation is produced by a furnace which is not good. The roof is bad and requires careful timbering. The coal is cut by hand with pick and hauled with mule. This mine has a tram-road which is two hundred and fifty feet long. Incline is eight hundred feet long. Very little work has been done at this mine and it is now idle.

JNO. CARTER, *Superintendent.* BURREL WALLACE, *Mine Foreman.*

CHESAPEAKE MINING CO.

HANDLEY.

No. 738. *Chesapeake No. 1.*—This is a drift mine located on the main line of the C. & O. Ry. operating the Kanawha seam, which is five feet in thickness and carries a slate parting. Ventilation is produced by a ten-foot fan which gives reasonable good results. The coal is undercut by pick and electric chain machines. The roof is not good and requires very careful timbering. The drainage is good. The coal is gathered with mules and hauled to the outside with an electric motor. This mine is capable of producing five hundred tons per day. The mining law is reasonably well complied with.

J. Q. DICKINSON, *General Manager.* S. T. HOGE, *Mine Foreman.*
E. G. BEDDESON, *Superintendent.*

THE CHESAPEAKE MINING CO.

HANDLEY.

No. 739. *Old Dominion No. 4.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Kanawha seam, which is four feet in thickness, on the double and triple entry systems. Ventilation is produced by a ten-foot Thayer fan which gives good results. The coal is undercut by an electric chain machine. The roofing is good. Drainage is good. The coal is gathered and hauled with mules at present. Incline is one thousand feet long. The new tipple operating belt conveyer to the river tipple. Shaker screens, loading booms. This mine and Chesapeake No. 1, use the same tipple to the railroad and the river. The mining law is reasonably well complied with.

J. Q. DICKINSON, *General Manager.* CLEVE DUNLAP, *Mine Foreman.*
E. G. BEDDESON, *Superintendent.*

COALBURG COLLIERY CO.

RONDA.

No. 740. *Belmont.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Belmont seam, which is four feet in thickness. Worked on the Room and Pillar System with double entries. Ventilation is produced by a seven-foot fan which gives good results. Drainage good. Roof good. The coal is undercut with electric chain machines and gathered and hauled to the outside with two five-ton Morgan Gardners electric motors and handled over the same tipple as the output from the Ronda mines. This mine is capable of producing 150 tons per day. The mining law is fully complied with.

J. Q. DICKINSON, *General Manager.* S. W. SMITH, *Mine Foreman.*
L. D. BURNS, *Superintendent.*

COALBURG KANAWHA COAL CO.

COALBURG.

No. 741. *Coalburg A.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Coalburg seam, on the double entry system. The coal is five and one-half feet in thickness. The ventilation is produced by a seven-foot fan, which gives good results. The roof is not good and needs careful timbering. The drainage is good. The coal is all undercut by electric chain machines. It is gathered by mules and hauled to the outside by electric locomotive. The mining laws are fully complied with. This mine is capable of producing Two Hundred Tons per day.

WM. S. EDWARDS, *Genl. Manager.* G. C. BAILEY, *Mine Foreman.*
J. A. WILLIS, *Superintendent.*

COALBURG KANAWHA COAL COMPANY.

COALBURG.

No. 742. *Coalburg B.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Belmont seam, which is three and one-half feet in thickness, on the double entry system. The ventilation is produced by a seven-foot fan. Roof good; drainage good. Coal is undercut by electric chain machines. Coal is gathered with mules and hauled to the outside through Coalburg A. over the same tipple. This mine is capable of producing about three hundred tons. The mining laws are fully complied with.

WM. S. EDWARDS, *Genl. Manager.* G. C. BAILEY, *Mine Foreman.*
J. A. WILLIS, *Superintendent.*

COALBURG COLLIERY COMPANY.

RONDA.

No. 743. *Ronda.*—This mine is located on The Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg Seam, which is five feet in thickness. Worked on the Room and Pillar System, with double entries. The ventilation is produced by an eight foot fan which is generally good. In some parts of the mine the roof is not good and requires very careful timbering to keep it safe. Drainage good except some hallways. Timbering good. Stoppings in fair condition. The coal is undercut by electric chain machine and hauled by mules and motors to the partings thence by two ten ton electric locomotives to the headhouse. There are 2800 feet of tramroad. The mine produces four hundred and fifty Tons per day. The mine law is reasonably well complied with.

J. Q. DICKINSON, *Genl. Manager.* S. W. SMITH, *Mine Foreman.*
L. D. BURNS, *Superintendent.*

DRY BRANCH COAL COMPANY.

DRY BRANCH.

No. 744. *Belmont No. 6.*—This mine is located on the Cabin Creek Branch of the C. & O. Railroad. Is a drift mine operating the Belmont seam, which is three to four feet in thickness. Is worked on the Room and Pillar System, with double entries. The ventilation is produced by a four-foot fan which has at all times been found good. Roof is good. Drainage good. The Coal is undercut by electric chain machine. Is hauled by mules and electric motors and handled over the same tipple as the output from the Coalburg mine. The mine is capable of producing one hundred and fifty tons per day. The mining law is fully complied with.

J. Q. DICKINSON, *Genl. Manager.* C. F. SLACK, *Mine Foreman.*
C. C. DICKINSON, *Superintendent.*

DRY BRANCH COAL COMPANY.

DRY BRANCH.

No. 745. *Dry Branch No. 4.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift opening, operating on the Coalburg seam, which is from five to six feet thick. Worked on the Room and Pillar system with double entries. Ventilation is produced by two seven-foot fans and is good. The roof is not good and requires very careful timbering to keep safe. Drainage is good with the exception two right. The coal is undercut with picks and electric chain machine and gathered with mules and hauled to headhouse with electric motor. The mine law is fully complied with.

J. Q. DICKINSON, *Genl. Manager.* C. F. SLACK, *Mine Foreman.*
C. C. DICKINSON, *Superintendent.*

EAST BANK MINING COMPANY.

EAST BANK.

No. 746. *East Bank.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Cedar Grove seam, which is three feet in thickness, on double entry system. Ventilation is produced by a furnace which does not give satisfactory results. The roof is good; drainage good. The coal is gathered and hauled to the outside by mules. The coal is undercut by hand with pick. The mining laws are only fairly complied with.

A. M. HOWERY, *Superintendent.* EDWARD CLARK, *Mine Foreman.*

EUREKA COAL COMPANY.

DONWOOD.

No. 747. *Eureka No. 1.*—This mine is located on the Morris Creek Branch of the C. & O. Ry., two miles from the main line and is a drift mine, tipple height, operating the number two gas seam, which has a parting of from one inch to three inches. This mine has been changed. They have dropped a lower bench of coal and three feet of slate and gone on top of same and now have 54 inches clean coal and extra good roof. Is worked on a double and triple entry system. Ventilation is produced by a six-foot Stine fan, which gives good results. The average output is 400 tons daily. All coal is cut by electric machines and hauled by one electric motor.

C. D. HOPKINS, *President and Manager.* JOHN FILBIN, *Mine Foreman.*
EDWIN FLUKE, *Superintendent.*

EUREKA COAL COMPANY.

DONWOOD.

No. 748. *Eureka No. 2.*—This is a drift mine located on the Morris Creek Branch of the C. & O. Ry., about two miles from the main line. This mine has an incline 1800 feet long, is operating in the number five splint seam, and is a pillar proposition. It has an average height of six feet and carries with it a draw slate in some places and has to be carefully timbered. It is a pick mine, the coal being hauled by mules and one electric motor. The mining laws are reasonably well complied with. The mine is ventilated by natural ventilation, and employs about twenty miners, with an average output of 120 tons daily.

C. D. HOPKINS, *President and Manager.* WM. ELSWICK, *Mine Foreman.*
EDWIN FLUKE, *Superintendent.*

EUREKA COAL COMPANY.

DONWOOD.

No. 749. *Eureka No. 3.*—This is a drift mine located on the Morris Creek Branch of the C. & O. Ry., about two and one-half miles from the main line, operating in the Kanawha seam. This coal is four and one-half feet in thickness and carries with one parting and some places two, which will range up to 18 inches in thickness. Ventilation is produced by an eight-foot fan. The coal is undercut by electric chain machines and hauled by mules and one electric motor. This mine has a short incline in which mine cars are run over, and the number four mine also runs its coal over the number three incline. In the near future number three, four and five will all run their coal to a twin tipple which spans Morris Creek, in which coal comes from both sides of the hill. This mine has been idle during the year and is now idle.

C. D. HOPKINS, *President and Manager.* EDWIN FLUKE, *Superintendent.*

EUREKA COAL COMPANY.

DONWOOD.

No. 750. *Eureka No. 4.*—This is a drift mine located on the Morris Creek Branch of the C. & O. Ry., about two and one-half miles from the main line, and has a short incline where it lands at number three mine, and is then run over number three incline to the same twin tipple as number three. This mine is operating in the number five seam and has but little development. The coal is only about four feet and carries with it a draw slate, which has to be carefully timbered. Drainage is good. Ventilation at present time is produced by a furnace, which is not very satisfactory. The coal is undercut by chain electric machines, and hauled by mules. This mine has been idle during the year, and is now idle.

C. D. HOPKINS, *President and Manager.* EDWIN FLUKE, *Superintendent.*

EUREKA COAL COMPANY.

DONWOOD.

No. 751. *Eureka No. 5—Queen Mountain.*—This is a new mine and is operated in the number five splint seam, which gives an average height of five to six feet. Sand rock top mostly, some draw slate. This will be a machine mine throughout and hauled by motors. It is a drift mine, with an incline of 1400 feet, which runs to the same twin tipple as mine No. 3. Little coal has been mined and shipped at this mine yet, but they will be ready in thirty days.

C. D. HOPKINS, *President and Manager.* EDWIN FLUKE, *Superintendent.*

EUREKA COAL COMPANY.

DONWOOD.

No. 752. *Eureka No. 6.*—This is a drift mine, tipple height, and is operating the number two gas seam which has an average thickness of four to four and one-half feet, with a parting in the middle which runs from two inches up to twelve inches. It is an old mine reopened and does not have much workings now, but has a big acreage. Ventilation is produced by an eight-foot steam fan, which gives good results. The coal is all cut by electric machines, gathered by mules and hauled outside by one electric motor. This mine employs about twenty-five men and has an average tonnage of 200 per day.

C. D. HOPKINS, *President and Manager.* WM. ELSWICK, *Mine Foreman.*
EDWIN FLUKE, *Superintendent.* J. L. MURPHY, *Asst. Foreman.*

IMPERIAL COLLIERY COMPANY.

BURNWELL.

No. 753. *Imperial No. 1.*—This mine is located on the Paint Creek Branch of the C. & O. Ry. Is a drift mine operating the Eagle Seam, which is five feet in thickness. The ventilation is produced by an eight foot fan which gives good results. The roof is not good and has to be carefully timbered to keep safe. The drainage is good. The coal is undercut with pick and air punching machines, gathered with mules and hauled to the outside by one eight-ton Jeffrey motor. This mine is capable of producing five hundred tons per day. The mining laws are fully complied with.

QUIN MORTON, *Genl. Manager.* L. R. HOWELL, *Mine Foreman.*
F. H. MORTON, *Superintendent.*

IMPERIAL COLLIERY COMPANY.

BURNWELL.

No. 754. *Imperial No. 3.*—This is a drift mine located on the Paint Creek Branch of the C. & O. Ry., operating the Eagle seam, on the double entry system. The coal is five feet high. The ventilation is produced by an eight-foot fan which gives good results. The roof is bad in most places and requires to be carefully attended. The drainage is good. The coal is undercut by electric chain machines, gathered with mules and hauled to the outside by one ten ton Westinghouse motor. This mine is capable of producing four hundred and fifty tons per day. The mining laws are fully complied with.

QUIN MORTON, *Genl. Manager.* M. D. BOULDIN, *Mine Foreman.*
F. H. MORTON, *Superintendent.*

IMPERIAL COLLIERY COMPANY.

BURNWELL.

No. 755. *Imperial No. 4.*—This is a drift mine located at Burnwell, on the Paint Creek Branch of the C. & O. Ry., about ten miles from the main line of the C. & O. The No. 2 gas seam is operated. The mine is developing the double and triple entry systems. The coal is five and one-half feet in thickness. The ventilation is produced by a five foot Thayer fan with overcasts, which is good. Drainage good. Roof is good. Coal is undercut with electric chain machines, and gathered and hauled to the outside with mules. The incline is about thirteen hundred feet using monitors. This mine will be capable of producing six hundred tons per day. The mining law is reasonably complied with.

QUIN MORTON, *Genl. Manager.* M. D. BOULDIN, *Mine Foreman.*
F. H. MORTON, *Superintendent.*

LEWISTON BLOCK COAL COMPANY.

LEWISTON.

No. 756. *Lewiston Block.*—This mine is located near Winifrede Junction on the main line of the C. & O. Ry. Is a drift mine, operating the Lewiston seam, which is from three to three and one-half feet in thickness, on the room and pillar system. Ventilation is produced by a furnace which gives fair results. Roof is good; drainage good. Coal is cut by hand with picks and hauled with mules. Very little work has been done at this mine and it is now idle.

L. M. PECK, *Mine Foreman and Superintendent.*

MARMET COAL COMPANY.

MARMET.

No. 757. *Black Band.*—This mine is located on the West Virginia and Southern Ry. and Lens Creek. Is a drift mine operating the Black Band seam, which is three and one-half feet in thickness. On the room and pillar system, with double entries. The ventilation is produced by ten and six-foot Thayer fans and is fairly good. Roof is good. Drainage in some places is not good. The coal is undercut by electric chain machines and is hauled with electric motors of the Goodman type. The mine law is fully complied with. This mine is capable of producing 500 tons per day.

EDWIN MARMET, *General Manager.* F. L. PRICE, *Mine Foreman.*
THOS. OLIVER, *Superintendent.*

NATIONAL BITUMINOUS COAL COMPANY.

CROWN HILL.

No. 758. *Coalburg No. 8.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Coalburg seam, which is five feet in thickness. Ventilation is produced by a seven-foot fan. The roof is not good in many places and has to be carefully timbered. The coal is undercut by pick and electric chain machines and is gathered with mules and hauled to the outside by an electric locomotive. This mine has been idle since January 6, 1915.

THOS. LAGEORGE, *Superintendent.* E. L. BREWER, *Mine Foreman.*

NATIONAL BITUMINOUS COAL & COKE COMPANY.

ESKDALE.

No. 759. *Eskdale No. 5.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine, operating the No. 5 Splint seam, which is from five to six feet in thickness. On the room and pillar system, with double entries. Ventilation by a seven-foot Thayer fan, which is good. In some parts of the mine there is a thick dangerous draw slate which is taken down as the coal comes from under it. Drainage good. In some parts of the mine it is dry which necessitates watering to allay the dust. The coal is undercut by electric chain machines and gathered with mules and hauled to the outside with an electric motor. The mining law is reasonably well complied with. This mine has been idle since March 6, 1915.

H. T. SMARR, *General Manager.* JOHN COX, *Mine Foreman.*
J. A. GREEN, *Superintendent.*

NATIONAL BITUMINOUS COAL & COKE COMPANY.

ESKDALE.

No. 760. *No. 2 Gas.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 2 Gas seam, which is four to five feet in thickness. On the room and pillar system, with double entries. Ventilation is produced by an eight-foot Thayer fan, which is good. The roof and drainage are good. The coal is undercut by electric chain machines, gathered with mules and hauled to the outside by electric motors. This mine produces about 500 tons per day. The mining law is fully complied with.

H. F. SMARR, *General Manager.* H. J. WILLS, *Mine Foreman.*
J. A. GREEN, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

MUCKLOW.

No. 761. *Banner No. 1.*—This mine is located on the Paint Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam, which is six feet in thickness. The ventilation is produced by an eight-foot fan, and is good. The coal is undercut by electric chain machines. The roof carries a very dangerous draw slate which has to be taken down on account of it being impossible to timber. The drainage is good and is hauled outside by a thirteen-ton Jeffreys motor. Very little work has been done at this mine this year and it is now idle. The mine laws are fully complied with.

JAMES MARTIN, *General Manager.* JOHN DIXON, *Mine Foreman.*
C. E. ELLIS, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

MUCKLOW.

No. 762. *Crown Hill.*—This mine is located on the Paint Creek Branch of the C. & O. Ry. Is a drift mine operating the Crown Hill seam, which is four feet in thickness. Ventilation is produced by a ten-foot fan which gives good results. The coal is undercut with electric chain machines, gathered with mules and hauled by electric locomotives to the outside, then over a tram-road twenty-six hundred feet in length. It is then hauled through a portion of the Paint Creek mine and dumped over the same tipples at the coal from the Paint Creek mine. This mine has not operated during the year and is now idle.

JAMES MARTIN, *General Manager.* J. M. BRYAN, *Mine Foreman.*
C. E. ELLIS, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

TOMSBURG.

No. 763. *Grose No. 2.*—This is a drift mine located on the Paint Creek Branch of the C. & O. Ry., operating the Powellton seam, on double entry system. The coal is five feet in thickness. Ventilation is produced by an eight-foot Stine fan, which gives good results. The roof is fairly good; drainage good. The coal is undercut by electric chain machines gathered by mules and hauled to the outside by one eight-ton motor. Then run down an incline and hauled through Grose No. 1 mine to the tipple, using the same railroad tipple as Grose No. 1. This mine is capable of producing three hundred tons per day. The mining laws are fully complied with.

JAMES MARTIN, *General Manager.* ROBERT FLINT, *Mine Foreman.*
JOHN BRUNCHWYLER, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

MUCKLOW.

No. 764. *Paint Creek.*—This mine is located on the Paint Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam. The ventilation is produced by an eight-foot fan and is good. The seam is seven feet in thickness and carries a draw slate of about two feet in thickness which has to be taken down all over the mine. The coal is undercut by an electric chain machine, and hauled to the outside by an electric motor. This mine is in very good condition and capable of producing one thousand tons per day. The mining laws are fully complied with.

JAMES MARTIN, *General Manager.* J. M. BRYAN, *Mine Foreman.*
C. E. ELLIS, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

MUCKLOW.

No. 765. *Scranton.*—This mine is located on the Paint Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam, on the double entry system. The coal is undercut by electric chain machines. Modern roof, very well timbered. Ventilation is produced by a ten-foot fan. Drainage good. This mine is capable of producing five hundred tons per day. The mining laws are fully complied with.

JAMES MARTIN, *General Manager.* WM. BRADLEY, *Mine Foreman.*
C. E. ELLIS, *Superintendent.*

PAINT CREEK COLLIERY COMPANY.

MUCKLOW.

No. 766. *Wacomah.*—This is a drift mine located on the Paint Creek Branch of the C. & O. Railroad, operating the Coalburg seam, on the double entry system. The coal is five feet in thickness. Ventilation is produced by an eight-foot Thayer fan and is good. The roof is bad and needs to be carefully timbered. The coal is undercut by electric chain machines. Drainage is good. Coal is gathered by mules and hauled to the outside by one eight-ton Jeffrey motor. Improvements to the mine are as follows:—New tipple has been erected, shaker screens and loading booms. This mine is capable of producing four hundred tons per day. The mining laws are fully complied with.

JAMES MARTIN, *General Manager.* JOE VANDEL, *Mine Foreman.*
C. E. ELLIS, *Superintendent.*

REPUBLIC COAL COMPANY.

CARBON.

No. 767. *Mine No. 1.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine, operating the No. 2 Gas seam, which is from five to six feet in thickness, including, in some parts of the mine, a middle slate. This mine is operated on the room and pillar system, with double entries, but the blocks are now ready for the retreating long wall system. Ventilation is produced by a seven-foot Stine fan, which furnishes sufficient air to give a proper ventilation. The roof is bad and requires very careful timbering to keep it safe. Drainage is good with the exceptions of a few hallways. This mine is dry and in some parts very dusty which necessitates watering to allay the dust. The coal is undercut with electric chain machine and by hand with picks, gathered with mules and hauled to the outside with electric motors. This mine is capable of producing four hundred tons per day. The mining laws are well complied with.

C. A. CABELL, *General Manager.* J. H. TITLOW, *Mine Foreman.*
C. A. PIERCE, *Superintendent.*

REPUBLIC COAL COMPANY.

CARBON.

No. 768. *Mine No. 2.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift, operating the No. 2 Gas seam, which is from four and one-half to five feet in thickness. It is on the room and pillar system, with double entries. Ventilation is produced by a seven-foot Stine fan, which is good. The roof is good. Drainage is good except some hallways. The work in this mine nearly all consists of pillar drawing and the coal is undercut by hand with picks, gathered with mules and hauled to the outside with electric motors. The mining laws are well complied with.

C. A. CABELL, *General Manager.* G. D. HOGE, *Mine Foreman.*
C. A. PIERCE, *Superintendent.*

REPUBLIC COAL COMPANY.

CARBON.

No. 769. *Mine No. 3.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 2 Gas seam, which is five feet in thickness. On the room and pillar system with double entries, but the mine is now being developed for long wall system. The ventilation is produced by a seven-foot Stine fan and is good. The roof is good. This mine is dry and in some parts dusty which necessitates watering to allay the dust. The coal is undercut by electric chain machines and by hand with picks, gathered by mules and by three and one-half ton Jeffrey motors and hauled to the outside by one six-ton Jeffrey electric locomotive. This mine is producing 350 tons per day. The mining laws are well complied with.

C. A. CABELL, *General Manager.* M. ALBERTIZER, *Mine Foreman.*
C. A. PIERCE, *Superintendent.*

REPUBLIC COAL COMPANY.

CARBON.

No. 770. *Mine No. 5.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. It is a drift mine operating the Coalburg seam, which is from four and one-half to five feet in thickness. On the room and pillar system with double and triple entries. Ventilation is produced by a seven-foot Thayer fan and is only fair. This is caused by bad stoppings. The roof is not good and draw slate must be taken down or carefully timbered to keep it safe. Drainage is good. The coal is undercut by electric chain machines and gathered and hauled with electric motors. This mine is capable of producing 300 tones per day. The mining laws are well complied with.

C. A. CABELL, *General Manager.* ROBT. KIRK, *Mine Foreman.*
C. A. PIERCE, *Superintendent.*

SOUTHWESTERN SPLINT & FUEL COMPANY.

CROWN HILL.

No. 771. *Black Cat.*—This is a drift mine located on the main line of the C. & O. Ry., operating the Coalburg seam, which is five and one-half feet in thickness, on room and pillar system. The roof is bad and requires careful timbering. The drainage is good. Ventilation is produced by a seven-foot fan, which gives good results. The coal is undercut by electric chain machine, gathered with mules and hauled to the outside by an electric locomotive. This mine is capable of producing four hundred tons per day. The mining law is reasonably well complied with.

L. B. BRYDON, *General Manager.* THOS. BURKE, *Mine Foreman.*
S. B. BRYDON, *Superintendent.*

STANDARD SPLINT AND GAS COMPANY.

STANDARD.

No. 772. *Standard.*—This is a drift mine located on the Paint Creek Branch of the C. & O. Ry., operating the Coalburg seam on the double entry system, and is seven feet in thickness. Ventilation is produced by a ten-foot electric fan and is good. Coal is undercut by pick and electric chain machine. The roof is good; drainage good. Coal is gathered by mules and hauled to the outside by two electric motors. The mines are capable of producing six hundred tons per day. Mining law is fully complied with.

W. A. WOOD, *Genl. Manager.* ED. FOSTER, *Mine Foreman.*
G. G. WOOD, *Superintendent.*

WAKEFOREST MINING COMPANY.

WAKEFOREST.

No. 773. *Wakeforest.*—This is a drift mine located at Wakeforest on the Cabin Creek Branch of the C. & O. Ry., operating in the No. 2 Gas seam of coal, which runs from five to six feet in thickness, and in general has a slate parting in the middle. Coal is undercut by electric chain machines and hauled by mules to partings, then by motor to outside. Ventilation is produced by a six-foot fan which gives very good results. Roof is generally very good. Drainage good. Some parts of the mine is very dry which necessitates frequent sprinkling to keep the humidity to the required standard. Mining laws are, in general, observed.

J. C. GRIMES, *Genl. Manager. and Superintendent.* J. W. GAY, *Mine Foreman.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 774. *West Virginia No. 1.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 2 Gas seam, which is five and one-half to six feet in thickness, including in some parts of the mine a thick middle band of slate. It is worked on the room and pillar system with double entries. Ventilation is produced by a ten-foot Stine fan which gives good results. Some parts of the mine roof is not good and requires careful timbering to keep safe. In the left side of the mine it is very dry and dusty which requires water to allay the dust. The coal is undercut with electric chain machines and picks, gathered with mules and hauled to the outside with electric motors. The mining law is reasonably well complied with.

C. A. CABELL, *Genl. Manager.* C. R. LARABER, *Mine Foreman.*
K. D. QUARRIER, *Superintendent.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 775. *West Virginia No. 3.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam, which is six to seven feet in thickness. On the room and pillar system with double entries. Ventilation is produced by a seven-foot Stine fan which gives good results. Roof and drainage good. Some stoppings not good. Coal is undercut with electric chain machines and hauled with electric motors and mules. This mine is producing 700 tons per day. The mining law is fully complied with.

C. A. CABELL, *Genl. Manager.* C. L. PETTY, *Mine Foreman.*
K. D. QUARRIER, *Superintendent.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 776. *West Virginia No. 4.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 2 Gas seam, which is from four and one-half to five feet in thickness. On the room and pillar system with double and triple entries. Ventilation is produced by two seven-foot Stine fans and is good. Some parts of the mine roof is not good and requires careful timbering to keep it safe. Drainage good. Coal is cut with electric chain machines and a few pick men, gathered with mules and hauled to the outside with electric locomotives. This mine produced about 450 tons per day.

C. A. CABELL, *Genl. Manager.* ROBERT LONGSTAFF, *Mine Foreman.*
K. D. QUARRIER, *Superintendent.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 777. *North Mine.*—This is a drift mine located on the Winifrede and Fields Creek Railroad. Operating the Winifrede seam, which is five feet and six inches in thickness, including a thick middle slate. Is worked on the room and pillar system with double entries. Ventilation is produced by six and ten-foot Thayer fans. Owing to a large quantity of black damp coming from old workings the ventilation is not good at all times. Some parts of the mine the roof is not good. Drainage good. The coal is undercut with pick and electric chain machines and hauled by mules and electric motors.

FRANK B. STEWART, *Genl. Manager.* HARRY PATTON, *Mine Foreman.*
F. D. BARRON, *Superintendent.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 778. *South Mine.*—This is a drift mine located on the Winifrede and Fields Creek Railroad, operating the Winifrede Seam which is six feet thick, including a thick slate parting. Is worked on the room and pillar system with double entries. Ventilation produced by a ten-foot Thayer fan and is generally good. At some parts of the mine the roof is not good. Drainage good except some hallways. The coal is undercut by electric chain machine and picks and hauled by mules and electric motors. The mining law is complied with.

FRANK B. STEWART, *Genl. Manager.* HARRY PATTON, *Mine Foreman.*
F. D. BARRON, *Superintendent.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 779. *West Mine.*—This is a drift mine located on The Winifrede and Fields Creek Railroad, operating the Winifrede Seam which is from three to four feet thick including a middle slate. On the room and pillar system with double entries. Ventilation is produced by an eight-foot Thayer fan and is generally good. Drainage is good except some hallways. Coal is undercut with pick and some shot from the solid. The mine is capable of producing five hundred tons per day and is hauled by mules and electric motors. The mining law is reasonably well complied with.

FRANK B. STEWART, *Genl. Manager.* C. A. MCKEE, *Mine Foreman.*
F. D. BARRON, *Superintendent.*

WYATT COAL COMPANY.

LAING.

No. 780. *Berlin.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the No. 2 gas seam, which is from five to six feet in thickness including in some places a middle vein of slate. Work on the room and pillar system with double entries. Ventilation is produced by a nine-foot Stine fan and is good. Roof and drainage good. Some coal-dust on hallways which is being well watered. Coal is undercut by picks, gathered with mules and hauled to the outside by two ten-ton Morgan Gardner electric motors. This mine is producing 400 tons per day. The mining law is reasonably well complied with.

JOHN LAING, *Genl. Manager.* WILLIAM WARNER, *Superintendent and Mine Foreman.*

WYATT COAL COMPANY.

GILES.

No. 781. *Oakley.*—This mine is located on The Cabin Creek Branch of The C. & O. Ry. Is a drift mine operating the Lewiston seam, which is four to four and one-half feet in thickness. Worked on room and pillar system with double entries. Ventilation is produced by a seven-foot Thayer fan which is in a fair condition. The roof and drainage are good. Coal is undercut with electric chain machines, hauled with mules and electric motors. This mine produces about 300 tons per day. The mining law is fully complied with.

JOHN LAING, *Genl. Manager.* R. G. CLAYTON, *Mine Foreman.*
WM. LAING, *Superintendent.*

WYATT COAL COMPANY.

SHARON.

No. 782. *North Horton No. 1.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam, which is five and one-half to six feet in thickness. Worked on the room and pillar system, with double entries. The ventilation is produced by a seven-foot Thayer fan and is generally good. Roof good. Drainage good. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside with a ten-ton Goodman electric locomotive. This mine is capable of producing five hundred tons per day. Mining law is reasonably well complied with.

JOHN LAING, *Genl. Manager.* JOHN LONG, *Mine Foreman.*
WM. LAING, *Superintendent.*

WYATT COAL COMPANY.

SHARON.

No. 783. *South Horton No. 2.*—This mine is located on the Cabin Creek Branch of the C. & O. Ry. Is a drift mine operating the Coalburg seam, which is four to five feet in thickness. Work on room and pillar system, with double entries. Ventilation is produced by an eight-foot Thayer fan and is good. Drainage good. Roof good with exceptions of some bad draw slate which is being carefully timbered to make safe. The coal is undercut with electric chain machines, gathered with mules and hauled to the outside with a five-ton Goodman motor. This tipple is of the twin type and spans the ravine which separates it from the No. 1 North Mine. The output of the two mines are dumped into railroad cars in connection with each other. State mining laws are being observed. The tonnage for this mine is about 150 per day.

JOHN LAING, *Genl. Manager.* J. P. DONALDSON, *Mine Foreman.*
WM. LAING, *Superintendent.*

EIGHTH DISTRICT.

GENERAL SUMMARY FOR THE EIGHTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Fayette... (Part)	67	134	2,170	1,284	289	1,242	4,985	799	138	937	5,922	3,321,932	71,365
Nicholas.. (Part)	2	1	......	30	8	6	44	7	......	7	51	46,179	....
Totals...	69	135	2,170	1,314	297	1,248	5,029	806	138	944	5,973	3,368,111	71,365

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE EIGHTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE COUNTY			
Ajax Coal Co., The	Ajax	12- 8-14	J. I. Absalom
Ajax Coal Co., The	Ajax	5- 4-15	J. I. Absalom
Aileen Coal Co.	Aileen	6-14-15	J. I. Absalom
Babcock Coal & Coke Co., The	No. 3	1-15-15	J. I. Absalom
Babcock Coal & Coke Co., The	No. 4	1-15-15	J. I. Absalom
Ballinger Coal Co.	No. 1	1-29-15	J. I. Absalom
Ballinger Coal Co.	No. 2	1-29-15	J. I. Absalom
Beechwood Coal & Coke Co.	No. 1	11-24-14	J. I. Absalom
Beechwood Coal & Coke Co.	No. 2	11-24-14	J. I. Absalom
Beechwood Coal & Coke Co.	No. 1	5-20-15	J. I. Absalom
Beechwood Coal & Coke Co.	No. 2	5-20-15	J. I. Absalom
Beury Bros. Coal & Coke Co.	No. 1	11-25-14	J. I. Absalom
Beury Bros. Coal & Coke Co.	No. 2	11-25-14	J. I.Absalom
Beury Bros. Coal & Coke Co.	No. 3	11-25-14	J. I. Absalom
Beury Bros. Coal & Coke Co.	Nos. 3 & 4	2-25-15	J. I. Absalom
Big Bend Coal & Coke Co.	Big Bend	3-29-15	J. I. Absalom
Brown Coal Co.	Brown	11-17-14	J. I. Absalom
Blume, G. M. (Estate)	Fayette	12- 7-14	J. I. Absalom
Blume Coal Co.	Blume	1-26-15	J. I. Absalom
Branch Coal & Coke Co.	Elverton	11-16-14	J. I. Absalom
Branch Coal & Coke Co.	Elverton	1- 5-15	J. I. Absalom
Branch Coal & Coke Co.	Elverton	6-21-15	J. I. Absalom
Deitz Colliery Co.	No. 2 Gas	8-26-14	R. Y. Muir
Deitz Colliery Co.	No. 5 Splint	8-26-14	R. Y. Muir
Deitz Colliery Co.	Vanetta	1- 1-15	J. I. Absalom
Deitz Colliery Co.	Wyndal	1- 6-15	J. I. Absalom
Deits Colliery Co.	No. 2	5-17-15	J. I. Absalom
Elmo Mining Co.	Elmo	12- 9-14	J. I. Absolam
Elmo Mining Co.	Elmo	6- 7-15	J. I. Absalom
Ephriam Creek Coal & Coke Co.	Ephriam Creek	11-23-14	J. I. Absalom
Ephriam Creek Coal & Coke Co.	Buffalo & Slater	6- 1-15	J. I. Absalom
Ephriam Creek Coal & Coke Co.	Buffalo & Slater	6- 2-15	J. I. Absalom
Evans & Sons	No. 2 Gas	8-28-14	R. Y. Muir
Evans & Sons	No. 1 Eagle	8-28-14	R. Y. Muir
Export Coal Co.	Export	3-23-15	J. I. Absalom
Fire Creek Coal & Coke Co.	Fire Creek	3-30-15	J. I. Absalom
Fire Creek Coal & Coke Co.	Fire Creek	6-30-15	J. I. Absalom
Fort Defiance C. & C. Co.	Ft. Defiance	7-29-14	R. Y. Muir
Fort Defiance C. & C. Co.	Ft. Defiance	10-29-14	J. I. Absalom
Fort Defiance C. & C. Co.	Ft. Defiance	4-28-15	J. I. Absalom
Gauley Mountain Coal Co.	Buck Run	8-25-14	R. Y. Muir
Gauley Mountain Coal Co.	Nova Scotia	9-10-14	R. Y. Muir
Gauley Mountain Coal Co.	Nova Scotia	9-11-14	R. Y. Muir
Gauley Mountain Coal Co.	Buck Run	4-12-15	J. I. Absalom
Gauley Mountain Coal Co.	Nova Scotia	4-13-15	J. I. Absalom
Gauley Mountain Coal Co.	Turkey Creek	4-14-15	J. I. Absalom
Gaymont Coal Co.	Gaymont	4- 2-15	J. I. Ansalom
Great Kanawha Colliery Co.	Great Kanawha	4- 1-15	J. I. Absalom
Great Kanawha Colliery Co.	Edwards	5- 7-15	J. I. Absalom
Greenwood Coal Co.	Greenwood	8- 7-14	R. Y. Muir
Greenwood Coal Co.	East & West	1-21-15	J. I. Absalom
Greenwood Coal Co.	East & West,	6- 9-15	J. I. Absalom
Greenwood Coal Co.	East & West	6-10-15	J. I. Absalom
Hemlock Hollow C. & C. Co.	Hemlock	8- 8-14	R. Y. Muir
Hemlock Hollow C. & C. Co.	Hemlock	1-22-15	J. I. Absalom
Hemlock Hollow C. & C. C.	Hemlock	6-11-15	J. I. Absalom
Holliday Coal Co.	Keeney's Creek	12- 2-14	J. I. Absalom
Keeney's Creek Colliery Co.	Smokeless	1-27-15	J. I. Absalom
Keeney's Creek Colliery Co.	Boone	1-28-15	J. I. Absalom
Keeney's Creek Colliery Co.	Boone	6- 3-15	J. I. Absalom
Laurel Creek Coal Co.	Laurel Creek	3-23-15	J. I. Absalom
Lookout Coal & Coke Co.	Lookout	1-26-15	J. I. Absalom
Loup Creek Colliery Co.	No. 2	12- 3-14	J. I. Absalom
Loup Creek Colliery Co.	No. 2	12- 4-14	J. I. Absalom
Loup Creek Colliery Co.	No 2	5- 5-15	J. I. Absalom
Loup Creek Colliery Co.	No. 2	5- 6-15	J. I. Absalom
Loup Creek Colliery Co.	No. 2	5-21-15	J. I. Absalom
Low Moor Iron Co. of Va.	No. 2	9- 1-14	R. Y. Muir
Low Moor Iron Co. of Va.	No. 1	11-30-14	J. I. Absalom
Low Moor Iron Co. of Va.	No. 2	12-11-14	J. I. Absalom
Lynchburg Colliery Co.	No. 2	7-27-14	R. Y. Muir
Lynchburg Colliery Co.	No. 5	7-27-14	R. Y. Muir
Lynchburg Colliery Co.	Vanetta	5-18-15	J. I. Absalom

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE CO.—Continued			
M. B. Coal & Coke Co.	Kimberly No. 2	7-30-14	R. Y. Muir
M. B. Coal & Coke Co.	E. Ridge No. 1	8-20-14	R. Y. Muir
M. B. Coal & Coke Co.	Elk No. 2	8-20-14	R. Y. Muir
M. B. Coal & Coke Co.	Columbia No. 5	8-21-14	R. Y. Muir
M. B. Coal & Coke Co.	Columbia	11- 9-14	J. I. Absalom
M. B. Coal & Coke Co.	Kimberly	11-11-14	J. I. Absalom
M. B. Coal & Coke Co.	E. Ridge No. 2	11-12-14	J. I. Absalom
M. B. Coal & Coke Co.	E. Ridge No. 1	11-13-14	J. I. Absalom
M. B. Coal & Coke Co.	Kimberly	1- 6-15	J. I. Absalom
M. B. Coal & Coke Co.	E. Ridge No. 1	5-10-15	J. I. Absalom
M. B. Coal & Coke Co.	E. Ridge No. 2	5-11-15	J. I. Absalom
M. B. Coal & Coke Co.	Columbia	5-13-15	J. I. Absalom
Michigan Coal Co.	Michigan	12- 9-14	J. I. Absalom
Midvale Colliery Co.	Gamoca	7-28-14	R. Y. Muir
Midvale Colliery Co.	Gamoca	12-31-14	J. I. Absalom
Midvale Colliery Co.	Gamoca	5-31-15	J. I. Absalom
Mill Creek Colliery Co.	Mill Creek	7-23-14	R. Y. Muir
Mill Creek Colliery Co.	Mill Creek	10-28-14	J. I. Absalom
Mill Creek Colliery Co.	Mill Creek	3- 1-15	J. I. Absalom
Mill Creek Colliery Co.	Mill Creek	6- 4-15	J. I. Absalom
Mount Carbon Co. Ltd.	Vulcan	8-20-14	R. Y. Muir
Mount Carbon Co. Ltd.	Vulcan	10-30-14	J. I. Absalom
Mount Carbon Co. Ltd.	Vulcan	5-12-15	J. I. Absalom
New River Collieries Co.	Sun No. 1	12-14-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 2	7- 6-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 2	7- 7-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 5	7- 7-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 5	7- 8-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 4	7- 8-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 4	7- 9-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 3	7- 9-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 3	7-10-14	R. Y. Muir
New River & Pocahontas Cons. Coal Co.	Minden No. 2	10-21-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 4	10-22-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 5	10-23-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 3	11-18-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	No. 2	11-19-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Weirwood	12-30-14	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 3, 4, 5	1-19-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 1	1-20-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 2	1-20-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 1, 2	3-14-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Nos. 1 & 2	3-14-15	I. Murray
New River & Pocahontas Cons. Coal Co.	Minden No. 2	4-19-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 5	4-21-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 4	4-22-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Minden No. 3	4-23-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 3	4-24-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 3	4-25-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 3	4-26-15	J. I. Absalom
New River & Pocahontas Cons. Coal Co.	Layland No. 1 & 2	5-27-15	J. I. Absalom
Nuttallburg Smokeless Fuel Co.	Long Nuttall	7-24-14	R. Y. Muir
Nuttallburg Smokeless Fuel Co.	Long Nuttall	7-24-14	L. B. Holliday
Nuttallburg Smokeless Fuel Co.	Long Nuttall	12- 1-14	J. I. Absalom
Nuttallburg Smokeless Fuel Co.	Long Nuttall	6-15-15	J. I. Absalom
Price Hill Fuel Co.	Price Hill	4-20-15	J. I. Absalom
Quinnimont Coal Co.	Big Q	3-22-15	J. I. Absalom
Quinnimont Coal Co.	Big Q	5-28-15	J. I. Absalom
Ridgeview Coal Co.	Slater	3-23-15	J. I. Absalom
River Valley Colliery Co.	Bachman	11-27-14	J. I. Absalom
River Valley Colliery Co.	Bachman	5-14-15	J. I. Absalom
Rock Lick Coal Co.	Shamrock No. 1	9- 2-14	R. Y. Muir
Rock Lick Coal Co.	Erskine No. 2 & No. 3	1-14-15	J. I. Absalom
Rock Lick Coal Co.	Thurmond No. 1	1-14-15	J. I. Absalom
Rock Lick Coal Co.	Thurmond No. 1	6-17-15	J. I. Absalom
Rothwell Coal Co.	Dubree	1-26-15	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run & Once More	7-14-14	R. Y. Muir
Scotia Coal & Coke Co.	Rush Run	7-21-14	R. Y. Muir
Scotia Coal & Coke Co.	Red Ash	7-22-14	R. Y, Muir
Scotia Coal & Coke Co.	Rush Run & Once More	10-12-14	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run & Once More	10-13-14	J. I. Absalom
Scotia Coal & Coke Co.	Red Ash	10-13-14	J. I. Absalom
Scotia Coal & Coke Co.	Red Ash	10-14-14	J. I. Absalom
Scotia Coal & Coke Co.	Once More	12-21-14	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run	12-23-14	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run	2- 1-15	J. I. Absalom

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE CO.—Continued			
Scotia Coal & Coke Co.	Red Ash	2- 2-15	J. I. Absalom
Sccotia Coal & Coke Co.	Brooklyn	3-31-15	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run	4-15-15	J. I. Absalom
Scotia Coal & Coke Co.	Red Ash	4-16-15	J. I. Absalom
Scotia Coal & Coke Co.	Once More	5- 3-15	J. I. Absalom
Scotia Coal & Coke Co.	Once More	6-16-15	J. I. Absalom
Scotia Coal & Coke Co.	Rush Run	6-18-15	J. I. Absalom
Sewell Colliery Co.	Sugar Camp	9- 4-14	R. Y. Muir
Sewell Colliery Co.	Sugar Camp	1-29-14	J. I. Absalom
Signal Knob Coal Co.	Signal Knob	9- 9-14	R. Y. Muir
Signal Knob Coal Co.	Signal Knob	4-14-15	J. I. Absalom
South Side Co.	South Side	9- 3-14	R. Y. Muir
South Side Co.	South Side	1-13-15	J. I. Absalom
St. Clair Colliery Co.	Archer	7-31-15	R. Y. Muir
St. Clair Collery Co.	Archer No. 5	11-10-14	J. I. Absalom
St. Clair Colliery Co.	No. 1	2- 5-15	J. I. Absalom
St. Clair Colliery Co.	Archer No. 5	4- 9-15	J. I. Absalom
St. Clair Colliery Co.	No. 1	4-29-15	J. I. Absalom
Stuart Colliery Co.	Summerlee	12-16-14	J. I. Absalom
Stuart Colliery Co.	Lochgelly	12-22-14	J. I. Absalom
Stuart Colliery Co.	Summerlee	2-19-15	J. I. Absalom
Stuart Colliery Co.	Lochgelly	2-24-15	J. I. Absalom
Stonecliff Coal & Coke Co.	Stone Cliff	10-27-14	J. I. Absalom
Stonecliff Coal & Coke Co.	Stone Cliff	5-19-15	J. I. Absalom
White Oak Fuel Co.	Scarbro	12-15-14	J. I. Absalom
White Oak Fuel Co.	Oakwood	12-17-14	J. I. Absalom
White Oak Fuel Co.	Carlisle	12-18-14	J. I. Absalom
NICHOLAS COUNTY			
Coalbell Coal Co.	Coalbell No. 2	8-24-14	R. Y. Muir
Coalbell Coal Co.	Trees	1-11-15	J. I. Absalom
Coalbell Coal Co.	Trees No. 1	1-12-15	J. I. Absalom
Coalbell Coal Co.	Trees No. 1	4-27-15	J. I. Absalom

INSPECTOR'S REPORT.

MONTGOMERY, W. VA., Sept. 1, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—Permit me the honor of herewith submitting to you the annual report of mines comprising the eighth inspection district of the state of West Virginia, consisting of portions of the counties of Fayette, Nicholas and Clay, for the fiscal year beginning July 1st, 1914 and ending June 30th, 1915.

As I was honored with the appointment by you to this district on October 1st, 1914, it has been my pleasure to continue in your service, and by the business disposition of your department, with your ever ready council and wise advise and the application of the same in the performance of the many duties involved, I have been very materially and successfully benefited.

Having the advantage of 25 years previous experience in the mines of this district, I am afforded an opportunity of observing, in a comparitive way, the vast improvement and progress that has been accomplished throughout this district, bringing the mines and mining to a degree of efficiency the best science affords. Operators who control the largest plants are sparing nothing to reach the highest efficiency in the measures adopted to protect their employees, and from which is obtained the best commercial results as against the haphazard or careless systems of not many years ago.

Many improvements have and are being made at most of the mines in equipment and facilities to operate to higher standards than formerly. While business has been unusually discouraging as to demand for coal there have been a few emergency spurts that has kept some operations moving along intermittently, while other operations have simply had acknowledged existence only.

There have been on new developments in this district during this year, while some operations have been shut down indefinitely owing to dull trade conditions in the coal markets.

Rapid strides have been made in the improvement in the ventilation of nearly all of the mines. In fact every department has improved. The annual examinations that you hold has placed more efficient men in charge of mines. These examinations are the means of getting them to realize the responsibilities of their positions and broadens their minds beyond ordinary capacities.

Lessons like that of the disastrous explosion at the Layland mines on March 2nd, 1915, has been convincing that not gas alone is the dangerous element of destructive explosions, but that dust is a lurking, uncalculated and an extremely dangerous propagating factor in uncontrolable activity when permitted to exist within the mine, there being no redeeming feature in its tolerance only by loading it out or absolutely subduing it by a never ending system of watering it down. Its chief activity occurs in connection with careless shot firing, of which I am pleased to say is being very much improved by the use of the many permissible powders, and the use of clay for tamping, the latter being the safest eliminating of contagious ignition possible, and it is most highly important that its use be universally enforced.

The larger portion of mines in this district are being equiped and provided with electric power by the Virginia Power Company's central plant at Cabin creek, Junction, which eliminates the water scarcity problem that most operations are affected by every fall season.

On the whole I am pleased to say that I find no lack of co-operation in connection with any recommendations that I find necessary to make, and with the exception of a few old wornout mines all of the mines in this district are rapidly conforming to a creditable standard throughout. With the opportunity of a continuation of your wise counsel, advice and encouragement, such as you never fail to give me, I feel I can have the honor to continue to help make our department creditable as you have, to the state, in its high efficiency and usefulness.

Most sincerely yours,

JOHN I. ABSALOM,
Inspector of the Eighth District.

FAYETTE COUNTY.

AILEEN COAL COMPANY.

(Successors to Holliday Coal Co.)

KEENEYS CREEK.

No. 801. *Keeneys Creek.*—This mine is composed of a series of drift openings located on the north side of New River at the mouth of Keeneys Creek, on the C. & O. R. R., fifty-four miles east of Charleston, four miles east of Fayette station, operating in the Sewell seam. Generally good slate roof which can be easily protected by ordinary timbering. Drainage is indifferent, as no provision has been maintained for that purpose, while in the new or reopened section drainage is relieved naturally. Ventilation is fairly well maintained by a furnace, and the many openings affording natural ventilation. This company was reorganized in April, and changing the title of the company as noted in above headlines. The capacity of 300 tons daily is taken over a long tram road and a monitor incline to bins at railroad.

WM. FARRELL, *Manager and Superintendent.* GEORGE KYLE, *Mine Foreman.*

AJAX COAL COMPANY.

FAYETTE.

No. 802. *Ajax.*—This mine formerly known as the Newlyn mine, located one mile west of Fayette station on the west bound track of the C. & O. R. R. A small operation in the Sewell seam, close to three feet in thickness with variable roof of slate not difficult to protect. A large portion of this mine for some time has been deluged with water, having intersected with old workings of the adjoining Fayette operations that contained a large body of water. Pumping is being done by day and night to relieve the overflow workings. Ventilation is well provided by the double entry system, produced by a ten-foot fan. The output of this mine of 200 tons daily is taken to railroad bins over a monitor incline.

S. M. DUNBAR, *Genl. Manager.* NEWTON ELKINS, *Mine Foreman.*
AARON CARVER, *Superintendent.*

BABCOCK COAL & COKE COMPANY.

CLIFFTOP.

No. 803. *Cliff Top Mine No. 1 and 4.*—These two mines are a series of openings in the same territory under precisely the same conditions; located 9 miles north of Sewell station, on main line of the C. & O. R. R., 60 miles east of Charleston. Also in the Town of Clifftop, on terminus of the Manns Creek Railway. This being a narrow gauge road operated by the same company that operates the mine. The coal or output of these mines is chiefly used for making coke at their large coke oven plant located at Sewell. The coal is conveyed in special 5 ton cars by two steam locomotives from the mines to the ovens 9 miles below. Operating in the Sewell seam averaging less than three feet in thickness, with generally good roof well timbered, having a very light cover to maintain. Drainage is good. Ventilation is well maintained by the double entry system produced by two 8-foot fans assisted by several openings close to working faces. The average capacity of these mines jointly is about 500 tons daily.

R. M. SMITH, *Genl. Manager.*
W. L. HERNDON, *Superintendent.*
W. E. MOORE, *Mine Foreman, No. 3 Mine.*
H. F. BRAGG, *Mine Foreman, No. 4 Mine.*

BALLENGER COAL COMPANY.

NUTTALLBURG.

No. 804. *Ballenger.*—This mine consists of a series of openings along the crop, located in Winona, on the Keeneys Creek branch of the C. & O. R. R., 4 miles north of Keeneys Creek station on the main line. Operating in the Sewell seam, 4 feet in thickness. Drainage good. Ventilation well maintained and distributed according to law, the roof is of a variable draw slate with a light cover but is well provided and protected with timber. Their output of 400 tons daily is hauled 4 miles on tram road by a steam locomotive on a long incline and tipple to large bins at railroad.

WM. HOLLAND, *Manager.*
GEORGE HOLLAND, *Superintendent.*
JOHN OHLINGER, *Mine Foreman.*

BEECHWOOD COAL & COKE COMPANY.

CLAREMONT.

No. 805. *Beechwood Nos. 1 & 2.*—These two mines are drift openings connected on the inside by intersecting entries, but operating separate monitor inclines ½ mile apart. Located 4 miles east of Thurmond on main line of the C. & O. R. R. on north side of New River. Operating the Fire Creek seam, from 3 to 5 feet in thickness, with generally good roof at working faces, but considerably broken along the entries, requiring constant renewals of timber. Drainage is well taken care of by coursing through the old workings of Stone Cliff and Echo mines. Ventilation is provided on the double entry system, produced by three fans besides the effect of several outlets. The output and capacity of 300 tons from each mine is handled as stated above.

C. C. BEURY, *General Manager.*
E. L. HAWLEY, *Superintendent.*
R. B. HANNA, *Mine Foreman, No. 1 Mine.*
JOHN O. DANIELS, *Mine Foreman, No. 2 Mine.*

BEURY BROS. COAL & COKE COMPANY.

BEURY.

No. 806. *Echo Nos. 1 & 2.*—These are drift mines located two mile west of Thurmond, on the main line of the C. & O. R. R. on the north side of New River, operating in the Fire Creek seam of no defined thickness. The operation is now confined to pillar robbing entirely on the retreat. The roof being irregular requires much timbering to protect it. This development has intersected the workings of the old Central and Fire Creek, Stone Cliff, Dimmock, and Beechwood mines, leaving only odds and ends of stumps and pillars here and there to recover.

Drainage is taken care of by pumps. Ventilation is provided from the numerous intersections and one fan located at No. 2 mine keeping everything clear and sanitary. The output of 150 tons daily is used chiefly by the C. & O. R. R. locomotives from coaling station at bins, supplied by a monitor incline from these mines.

H. B. BEURY, *General Manager and Superintendent.*
WILBUR McDANIELS, *Mine Foreman.*
THOS. FRAME, *Mine Foreman.*

BEURY BROS. COAL & COKE COMPANY.

BEURY.

No. 807. *Echo Nos. 3 & 4.*—These two mines are drift openings at same location as Nos. 1 & 2 (except they operate in the Sewell seam at an elevation 375 feet higher than Nos. 1 & 2 of the Fire Creek seam) using the same equipment with an additional chute. The area of the seam is quite limited being in the extreme mountain tops with a very light and weak slate cover, requiring extraordinary timbering to maintain it. They haul this coal of about 200 tons daily over a three mile tramroad with a steam locomotive to top of chutes, where it is then handled by the equipment of Nos. 1 & 2 mines. Drainage is poor on account of having a very soft bottom. Ventilation is maintained on the double entry system, well produced by a furnace in No. 3 and a fan in No. 4 mine.

H. B. BEURY, *General Manager and Superintendent.*
WILBUR McDANIELS, *Mine Foreman.*
THOS. FRAME, *Mine Foreman.*

BIG BEND COAL COMPANY.

DIMMOCK.

No. 808. *Big Bend.*—This mine consists of a series of drifts in old workings along the crop. Located one mile west of Thurmond on main line of the C. & O. R. R., north side of New River, operating in the Fire Creek seam of from 3 to 5 feet in thickness. Roof very much broken up, squeezes from old mine having overridden the remaining pillars. Drainage is natural. Ventilation is maintained through the various openings produced by an 8 ft. fan. An output of 100 tons daily is handled in four car trips over a long incline to railroad below.

J. H. DEMPSEY, *Superintendent.*
RUFUS RIGSBY, *Mine Foreman.*

BLUME COAL & COKE COMPANY.

LOOKOUT.

No. 809. *Blume.*—This mine is a drift mine located on the Keeneys Creek branch of the C. & O. R. R., one mile north of Winona, operating in the Sewell seam from 2 to 4 feet in thickness, being more or less troubled with rolls and irregular faults. The roof is generally of good slate with a light cover easily protected with ordinary timbering. Drainage is amply provided for. Ventilation is not maintained up to the desired standard, owing to airways being too confined and not of sufficient area to maintain the magnitude of this mine's development causing too much resistance to the ventilating pressure afforded by their present fan. Arrangements are being made to furnish means to ventilate according to law. Their output is 400 tons and is handled over tipple level to railroad.

D. W. BOONE, *Manager and Superintendent.*
S. J. BAYS, *Mine Foreman.*

BRANCH COAL & COKE COMPANY.

ELVERTON.

No. 810. *Elverton.*—This is a series of drift openings located on the south side of New River and on the main line of the C. & O. R. R. Operating in the Sewell seam, 4 feet in thickness, with a strong slate roof easily maintained with ordinary timbering. Drainage is maintained by water boxes. Ventilation is well maintained on the double entry system, produced by a 10 foot fan that has recently been moved from the interior of the mine to the outside in a substantial location at the mouth of a well. Protected air course cleaned up at a considerable expense but of permanent benefit to the future operation of the mine. Some time in the month of April a fire destroyed their incline, trestle and power house which have been reconstructed and the mine resumed operations as usual. Slight gas feeders are detected in the various advanced sections of the mine. An output of 400 tons daily is easily taken care of over a monitor incline to bins below. A separate hoist for men is provided.

W. R. J. ZIMMERMAN, *Manager and Superintendent.* G. L. MORAN, *Mine Foreman.*
AUGUST HUMMELL, *Fire Boss.*

BROWN COAL COMPANY.

NUTTALLBURG.

No. 811. *Brown.*—This is a drift mine located three miles east of Fayette on the south side of New River and on the main line of the C. & O. R. R. Operating in the Sewell seam, about 4 feet in thickness, with a generally good slate roof requiring ordinary timbering. Drainage is somewhat difficult which keeps roadways more or less muddy and soft. Ventilation is maintained on the double entry system and produced by one force fan and one exhaust fan. Improvements are being made by making a new main haulageway into the interior of the center of operation. A capacity and output of 500 tons daily is readily handled over an incline to bins at railroad below.

JOHN A. BOONE, *Superintendent.* J. R. FRASER, WM. STEWART, *Mine Foremen.*

CROFT & EVANS COAL COMPANY.

ANSTED.

No. 812. *Signal Knob.*—This operation consists of a series of drift mines located on the Ansted branch of the C. & O. R. R., three miles north of Hawks Nest on the main line, operating the top bench of the No. 2 Gas seam, 4 feet 6 inches in thickness. The roof is of tough slate. Drainage is natural. The ventilation in the present hill is maintained and conducted on the double entry system and produced by a large furnace which distributes sufficient volume in the limited territory they have to operate, it being the remnants of the old Ansted workings of years ago. The normal output of this mine is 200 tons daily and is handled over a long incline to tipple.

W. J. EVANS, *General Manager.* R. A. FORLOIN, *Mine Foreman.*
R. H. MASSEY, *Superintendent.*

DIETZ COLLIERY COMPANY.

VANETTA.

No. 813. *Vanetta No. 2.*—Is a drift mine operating the top bench of the No. 2 Gas seam, three feet thick, located on the Gauley Branch of the C. & O. R. R., two and one-half miles from the main line of the C. & O. R. R. at Gauley Junction. This mine's output of 150 tons per day is handled over a two-mile tram road to a monitor incline and tipple. The roof is composed of weak slate requiring careful posting. Drainage is natural and ventilation is well maintained on the double entry system, produced by a recently installed eight foot fan.

T. A. DIETZ, *Manager.* B. F. MURPHY, *Mine Foreman.*
J. C. GRISSINGER, *Superintendent.*

DIETZ COLLIERY COMPANY.

VANETTA.

No. 814. *Vanetta No. 3.*—Operating the Coalburg seam, five feet thick, same location, and using the same tipple as No. 2 mine, except for an additional incline to reach this seam four hundred feet above No. 2 mine. As the mine has not been in operation during the past year no other details were obtained.

T. A. DIETZ, *Manager.* B. F. MURPHY, *Mine Foreman.*
J. C. GRISSINGER, *Superintendent.*

EAGLE COAL COMPANY.

MONTGOMERY.

No. 815. *Eagle.*—This mine is located in the corporate limits of the town of Montgomery, 27 miles east of Charleston, on the main line of the C. & O. R. R., along the Great Kanawha river. It consists of a very slight slope opening to the Eagle or No. 1 seam at a level slightly lower than the level of the railroad with an average thickness of three feet 6 inches and having a very strong slate roof. Owing to the bankruptcy of the Economy Fuel Company, the former operators, the mine has been idle for several years, but in June 1915, a new company was organized to reopen and operate the mine composed of local colored citizens entirely, the only such enterprise by this race in the state. A new second opening is now being driven to the outside for the purpose of installing a large fan to ventilate the future operation. Also the interior of the mine is being cleaned up and put in shape. Drainage is maintained by the necessary pumps. Ventilation is maintained on the double entry system. A new tipple of 300 tons capacity is completed with general operations expected to commence at once as the mine has development nearly equal to the desired capacity on a pick mining basis.

MATHEW BUSTER, *Manager.*
J. H. JACKSON, *Engineer, Superintendent and Mine Foreman.*

ELMO MINING COMPANY.

ELMO.

No. 816. *Elmo.*—This is a drift operation located three miles east of Hawks Nest, facing New River on the west bound track of the C. & O. R. R., operating in the Sewell seam three feet in thickness with a slate roof, good in working faces but in a very bad neglected condition along main roadway with timber badly needing renewals and much loose slate with poor protection. The double entry system has been the system of development for ventilation but the air courses have been neglected and allowed to become blocked with falls of roof preventing sufficient area for a current to be maintained and distributed around the working faces, losing the effect of an 8 foot fan, kept in operation practically useless, this whole operation needs general renewals which can be done and make this mine profitable. Explosive gas feeders are quite numerous in the main heading of the mine. Recommendations have been made by the departments of mines to cover all irregularities and deficiencies. In a normal condition this operation could produce 300 tons daily.

C. A. BROCKMAN, *Manager.*
J. E. DAVIS, *Mine Foreman.*
J. F. GROFF, *Superintendent.*
A. A. CARR, *Fire Boss.*

EPHRAIM CREEK COAL & COKE COMPANY.

THAYER.

No. 817. *Buffalo.*—This is a drift operation commonly known as the Buffalo and Slater mine. Located six miles east of Thurmond, on the main line of the C. & O. R. R., on north side of New River, operating in the Fire Creek seam of from three to four feet in thickness. Fairly good roof, being well protected by ordinary timbering. Drainage is well maintained. Ventilation is conducted on the double entry system produced by two splendid fans, one of a type of very high efficiency, giving good results through the mine. The output of this operation of about 1000 tons daily is handled over heavy grades to bins at head of a monitor incline 2700 feet long to railroad bins.

WM. WARNER, *Superintendent.*
E. M. BRETZMAN, *Mine Foreman.*

THE EVANS & SONS.

(Successors to the Great Kanawha Colliery Company.)

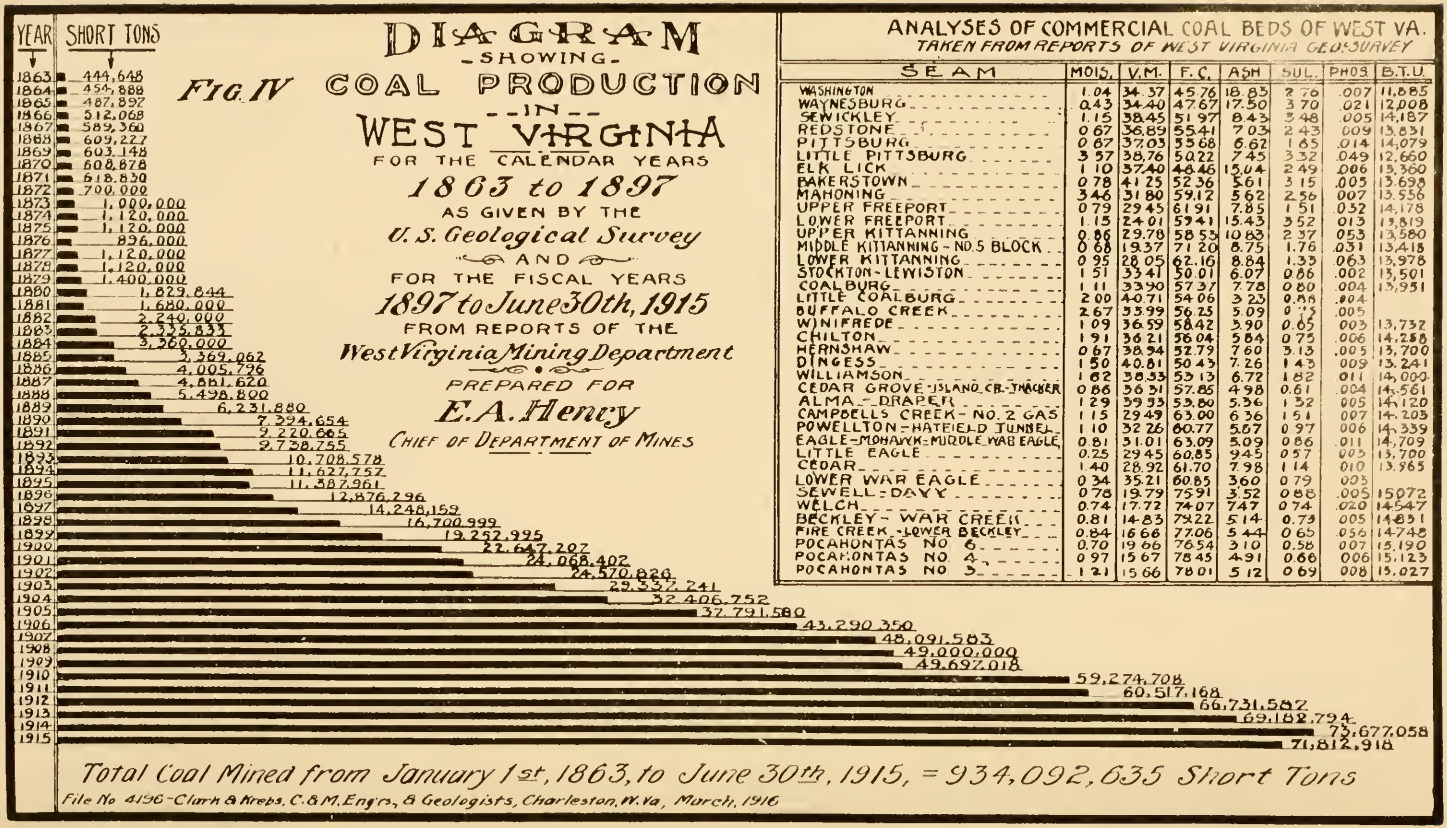
MT. CARBON.

No. 818. *Brewster and Edwards.*—These two drift mines, located four miles east of Montgomery on the main line of the C. & O. R. R., using the same tipple with

FIG. IV

DIAGRAM
-SHOWING-
COAL PRODUCTION
--IN--
WEST VIRGINIA
FOR THE CALENDAR YEARS
1863 to 1897
AS GIVEN BY THE
U. S. Geological Survey
AND
FOR THE FISCAL YEARS
1897 to June 30th, 1915
FROM REPORTS OF THE
West Virginia Mining Department

PREPARED FOR
E. A. Henry
CHIEF OF DEPARTMENT OF MINES



ANALYSES OF COMMERCIAL COAL BEDS OF WEST VA.
TAKEN FROM REPORTS OF WEST VIRGINIA GEO. SURVEY

SEAM	MOIS.	V.M.	F.C.	ASH	SUL.	PHOS.	B.T.U.
WASHINGTON	1.04	34.37	45.76	18.83	2.76	.007	11,885
WAYNESBURG	0.43	34.40	47.67	17.50	3.70	.021	12,008
SEWICKLEY	1.15	38.45	51.97	8.43	3.48	.005	14,187
REDSTONE	0.67	36.89	55.41	7.03	2.43	.009	13,831
PITTSBURG	0.67	37.03	55.68	6.62	1.65	.014	14,079
LITTLE PITTSBURG	3.57	38.76	50.22	7.45	3.32	.049	12,660
ELK LICK	1.10	37.40	48.46	15.04	2.49	.006	13,360
BAKERSTOWN	0.78	41.25	52.36	5.61	3.15	.005	13,698
MAHONING	3.46	31.80	59.12	5.62	2.56	.007	13,556
UPPER FREEPORT	0.79	29.45	61.91	7.85	1.51	.032	14,178
LOWER FREEPORT	1.15	24.01	59.41	15.43	3.52	.013	13,819
UPPER KITTANNING	0.86	29.78	58.53	10.83	2.37	.053	13,580
MIDDLE KITTANNING - NO. 5 BLOCK	0.68	19.37	71.20	8.75	1.76	.031	13,418
LOWER KITTANNING	0.95	28.05	62.16	8.84	1.33	.063	13,978
STOCKTON - LEWISTON	1.51	33.41	50.01	6.07	0.86	.002	13,501
COALBURG	1.11	33.90	57.37	7.78	0.80	.004	13,951
LITTLE COALBURG	2.00	40.71	54.06	3.23	0.88	.004	
BUFFALO CREEK	2.67	35.99	56.25	5.09	[illegible]	.005	
WINIFREDE	1.09	36.59	58.42	3.90	0.65	.003	13,732
CHILTON	1.91	36.21	56.04	5.84	0.75	.006	14,288
HERNSHAW	0.67	38.94	52.79	7.60	3.13	.005	13,700
DINGESS	1.50	40.81	50.43	7.26	1.43	.009	13,241
WILLIAMSON	1.62	38.33	53.13	6.72	1.82	.011	14,000
CEDAR GROVE - ISLAND CR. - THACKER	0.86	36.31	57.85	4.98	0.61	.004	14,561
ALMA - DRAPER	1.29	39.33	53.80	5.36	1.32	.005	14,120
CAMPBELLS CREEK - NO. 2 GAS	1.15	29.49	63.00	6.36	1.51	.007	14,205
POWELLTON - HATFIELD TUNNEL	1.10	32.26	60.77	5.87	0.97	.006	14,339
EAGLE - MOHAWK - MIDDLE WAR EAGLE	0.81	31.01	63.09	5.09	0.86	.011	14,709
LITTLE EAGLE	0.25	29.45	60.85	9.45	0.57	.003	13,700
CEDAR	1.40	28.92	61.70	7.98	1.14	.010	13,965
LOWER WAR EAGLE	0.34	35.21	60.85	3.60	0.79	.003	
SEWELL - DAVY	0.78	19.79	75.91	3.52	0.88	.005	15,072
WELCH	0.74	17.72	74.07	7.47	0.74	.020	14,547
BECKLEY - WAR CREEK	0.81	14.83	79.22	5.14	0.73	.005	14,851
FIRE CREEK - LOWER BECKLEY	0.84	16.66	77.06	5.44	0.65	.056	14,748
POCAHONTAS NO. 6	0.70	19.66	76.54	3.10	0.58	.007	15,190
POCAHONTAS NO. 4	0.97	15.67	78.45	4.91	0.66	.006	15,123
POCAHONTAS NO. 3	1.21	15.66	78.01	5.12	0.69	.008	15,027

Total Coal Mined from January 1st, 1863, to June 30th, 1915, = 934,092,635 Short Tons

File No 4196 - Clark & Krebs, C. & M. Engrs, & Geologists, Charleston, W. Va., March, 1916 separate inclines. The Edwards mine operates the No. 1 Eagle seam averaging three feet in thickness, with a strong slate roof, easily maintained by ordinary posting. As this mine is being robbed back but little coal remains yet to be taken out, consequently no system other than natural for ventilation and drainage is necessary to maintain. Its normal capacity is 50 tons per day.

The Brewster mine operates the No. 2 Gas seam four and one-half feet thick, owing to heavy squeezes and falls from workings of several years ago, yet having a strong roof of slate. There remains only crop coal worked from tram roads along the crop only requiring natural conditions for drainage and ventilation. The normal capacity and output is 50 tons per day. The tipple at these two mines is in very bad shape.

ZACK EVANS, *Mine Foreman and Superintendent.*

EXPORT COAL COMPANY.

EXPORT.

No. 819. *Export.*—This operation consists of a series of openings along the crop line near summit of the mountains, located two miles north of Quinnimont, 80 miles east of Charleston, on the main line of the C. & O. R. R. and on the Laurel Creek Branch, operating the Fire Creek seam. The roof is of a weak slate formation requiring much timbering to protect it. Drainage is poorly maintained as the seam lies very irregular. Ventilation is not as well maintained as it should be but connections are now being driven to properly systematize the future ventilation of the mine, which is afforded by a 6 foot fan located at the No. 5 opening. An output of 150 tons daily is hauled to a monitor incline and bins about two miles to railroad.

JOS. BEURY, JR., *Manager.* G. D. MCDANIELS, *Mine Foreman.*
H. B. CLARKSON, *Superintendent.*

FIRE CREEK COAL & COKE COMPANY.

FIRE CREEK.

No. 820. *Fire Creek.*—This is a drift mine and has been in operation more than 40 years. Located on the main line of the C. & O. R. R., 3 miles west of Thurmond, on the north side of New River, operating in the Fire Creek seam of from 3 to 4 feet in thickness, with generally good roof, requiring ordinary timbering. Drainage is well taken care of. Ventilation is maintained by the double entry system and conducted around the working faces by a system of trap doors at the mouth of each room and is produced by a fan which is soon to be replaced by a new fan of higher efficiency. The output of 300 tons capacity is hauled a distance of 3 miles by electric motors through the mountain from Buffalo Creek to a monitor incline to tipple and coke ovens at railroad. This is one of the very few plants that operate coke ovens the year through.

H. H. BLACKBURN, *Superintendent.* C. W. WALTERS, *Mine Foreman.*

FT. DEFIANCE COAL COMPANY.

FT. DEFIANCE.

No. 821. *Ft. Defiance.*—This mine consists of a series of drift openings along narrow ridges near top of the mountain. Located one mile above Kanawha Falls and on the main line of C. & O. R. R., operating in the No. 2 Gas seam 4 feet 6 inches in thickness. The roof being so near the crop is generally weak but is well protected by timber. Drainage is natural. Ventilation is maintained by furnaces and natural. On the double entry system. They have recently improved condition of this mine by displacing the original haulage from a petroleum stationary engine and rope system located in the mine to electric motors. Their capacity of 400 tons daily is easily handled over a monitor incline to storage bins at railroad below.

G. J. COTTREL, *Superintendent.* J. W. RHODES, *Mine Foreman.*

GAYMONT COLLIERY COMPANY.

HAWKS NEST.

No. 822. *Gaymont.*—This mine consists of a new pair of drifts along side of the abandoned operations of the New Castle Coal Co., located one mile east of Hawks Nest, on the west bound track of the C. & O. R. R., facing New River, operating in the Sewell seam, 30 inches in thickness, with a sound slate top. This mine is operated on a very small scale until a tipple can be constructed, as they now use a temporary chute to handle an output of 50 tons per day. Drainage is natural. Ventilation is produced by a small Furnace preparatory to installing a fan. Small feeders of gas are indicated.

C. A. BROCKMAN, *Superintendent.* JOE TUCK, *Mine Foreman.*
PETER TUCK, *Fire Boss.*

GAULEY MOUNTAIN COAL COMPANY.

ANSTED.

No. 823. *Nova Scotia and Turkey Creek.*—These are drift operations consisting of a series of openings in the same territory. Located in a range of mountains lying between the Gauley river on the west, Mill creek on the east, New River on the south and on the Ansted branch of the C. & O. R. R., 3 miles north west from Hawks Nest, on the main line. Operating the No. 2 Gas seam averaging from 4 to 5 feet in thickness. The roof is of slate, in some places bad, with drainage and all other conditions good. The ventilation is maintained on the double entry system in separate splits, produced by a number of fans and furnaces that give satisfactory results. The normal output of 1000 tons daily is well handled by large tandem electric motors, a distance of from 2 to 3 miles along a 30 inch gauge tram road, to a large tipple and coke ovens located on above branch.

CAPT. W. N. PAGE, *President.* JAS. A. MARTIN, *Mine Foreman.*
R. C. TAYLOR, *Superintendent.*

GAULEY MOUNTAIN COAL COMPANY.

JODIE.

No. 824. *Bucks Run.*—This operation is located 3 miles east of Belva Junction on the Gauley branch of the C. & O. R. R., on what is known as the Rich creek branch and on the south side of Gauley River. This operation is in the No. 2 Gas seam, being a series of 8 pairs of drifts in the top bench and one pair in the lower bench of the seam, 40 feet apart, averaging 4 feet in thickness. Is operated via. tram roads along the hill side to a monitor incline and bins at railroad. Drainage is natural. Roof is good and well timbered. The mine is planned as an absolute machine operation. These openings as yet are temporarily ventilated by furnaces until all drifts are connected on the interior when ventilation will be furnished by fans. Their capacity is daily increasing and at present is about 300 tons daily. No doubt this operation will become a large producer as the outside equipment can take care of 3000 tons daily.

W. N. PAGE, *President.* GALFORD WILLIAMS, *Mine Foreman.*
R. C. TAYLOR, *Superintendent.*

GREENWOOD COAL & COKE COMPANY.

LAWTON.

No. 825. *Greenwood.*—This operation consists of more than 20 drift openings along a tramroad over 6 miles long, located 5 miles north of Quinnimont, on the Laurel Creek branch of the C. & O. R. R., and directly opposite the Layland operations. Operating the Fire Creek seam, of from 3 to 4 feet in thickness, with irregular slate roof full of slips and light cover, but is well protected by timber. Ventilation is well maintained and distributed by the double entry system, produced by 6 fans located at the various necessary points. An output of 800 tons daily is taken care of over two monitor inclines and tipples at railroad. Hauled from drifts by two steam locomotives.

Wm. A. Brown, *Manager and Superintendent.* H. C. Peters, *Mine Foreman.*
Beck Hurt, *Mine Foreman.*

GLENDALE COLLIERY COMPANY.

Lawton.

No. 826. *Glendale.*—Exhausted, dismantled, and abandoned October 14th, 1915.

HEMLOCK HOLLOW COAL & COKE COMPANY.

Lawton.

No. 827. *Hemlock.*—This operation consists of several openings along a tram-road two miles long, operating the fire creek seam, 3 to 4 feet thick, in the same range of mountains as the Layland operations. Located 6 miles from Quinnimont, on the Laurel Creek branch of the C. & O. R. R. The roof is variable, good and bad, but is well protected with timber. Drainage is taken care of by pumps. Ventilation is maintained by the double entry system and produced by two five foot fans located inside the mine and giving good results. An output of 500 tons daily is taken over a tram road to a monitor incline to tipple at terminus of railroad.

J. A. Brown, *Superintendent.* D. S. Brown, *Mine Foreman.*

W. R. JOHNSON COAL COMPANY.

Montgomery.

No. 828. *Crescent No. 6.*—This is a drift operation, located at east end of Montgomery, on the main line of the C. & O. R. R. and on Kanawha River, operating the No. 5 and 6 block splint seam of 5 to 6 feet in thickness, with irregular slate roof, which is easily supported with timber. It also has a very light cover, the territory being confined in narrow ridges. Drainage and ventilation provided naturally. The operation of this mine is rapidly being exhausted as only from three to five men are employed on a contract basis, getting out from 10 to 20 tons daily, for domestic use only, the same being handled over a long incline to tipple at railroad.

W. R. Johnson, *Manager and Superintendent.* T. Pierce, *Mine Foreman.*

KEENEYS CREEK COLLIERIES COMPANY.

Boone.

No. 829. *Boone.*—This mine is composed of a series of drift openings along the crop line and is located 2 miles North of and on a branch of the C. & O. R. R., 2 miles from Keeneys Creek, on the main line. Operating the Sewell seam, averaging 4 feet in thickness, with a good slate roof, easily protected by timber. Natural drainage, with ventilation well maintained and distributed according to law, the location of the fan being recently changed, with much better results than formerly. The capacity and normal output of 300 tons daily is hauled over a one mile tram-road to bins at railroad level.

Walter Wood, *General Manager.* H. B. Conway, *Mine Foreman.*
J. Wade Bell, *Superintendent.*

KEENEYS CREEK COLLIERIES COMPANY.

Winona.

No. 830. *Smokeless.*—This mine consists of a series of openings along the crop. Located on the Keeneys Creek branch of the C. & O. R. R., at Winona. Operating in the Sewell seam, averaging 4 feet in thickness, with a good slate roof, well protected with timber. Drainage is natural, with ventilation well maintained and distributed according to law. A capacity and output of 400 tons daily is hauled over a long tramroad to a long incline and from there to bins and shaker screens with boom loaders below at railroad.

WALTER WOOD, *Manager.* T. H. SEACRIST, *Mine Foreman.*
J. WADE BELL, *Superintendent.*

LAUREL CREEK COAL COMPANY.

LAUREL CREEK.

No. 831. *Laurel.*—This mine is a drift operation, located on the Laurel Creek branch of the C. & O. R. R., 3 miles north of Quinnimont, operating the Fire Creek seam, 3 feet in thickness. Slate roof requiring close timbering on account of so many slips, also having a very light cover. Drainage is good. Ventilation is well maintained by the double entry system produced by an 8 foot fan. An output of 300 tons daily is taken care of over an incline with monitors to bins at railroad.

E. E. LAWTON, *Superintendent.* J. A. ATKINSON, *Mine Foreman.*

LOOKOUT COAL & COKE COMPANY.

LOOKOUT.

No. 832. *Lookout.*—This is a drift mine located on the terminus of the Keeneys Creek Branch of the C. & O. R. R., two miles north of Winona. Operating in the Sewell seam of irregular thickness of from 2 to 4 feet, with generally good roof easily maintained with ordinary timbering and having a very light cover. Drainage is well provided for. Ventilation is well provided on the double entry system produced by an 8 foot fan. The main openings of this mine was driven through a rock fault 1200 feet through, also many faults and rolls are encountered through the entire operation, the main opening is now being changed so as to provide a tipple level haulage, as the present output is hoisted up from the drift mouth to tipple on a sloped trestle. The normal output of this is about 200 tons daily.

D. W. BOONE, *Manager and Superintendent.* S. J. BAYS, *Mine Foreman.*

LOUP CREEK COLLIERY COMPANY.

PAGE.

No. 833. *Loup Creek No. 2.*—This operation consists of a series of drift openings along tram roads graded with the outcrop of the No. 2 gas seam, which will average 4 feet 6 inches, and is located on lower Loup Creek on the Virginian R. R., 8 miles south of its intersection with the C. & O. R. R., at Deepwater station. This is the most extensive gas coal operation in this field. The gas seam splits at this point, leaving the top bench only of commercial value. The roof is generally very weak, with sand and slate formations, yet with cross headers and long cap pieces in rooms and cross butts from rib to rib, with long lagging overhead on entries, they make quite a success in keeping the roof up. Drainage is practically natural. Ventilation is splendidly maintained on the double and triple entry systems, and is well distributed throughout the mines by two fans and furnaces. The coal is mined chiefly by hand or pick mining. They handle an output of 1200 tons daily, nearly four miles by steam locomotives and electric motors to a Monitor incline and bins to railroad below. They also have 506 Coke ovens that have not been in use for some years.

J. R. C. TAYLOR, *Manager.* W. E. WILSON, *Mine Foreman.*
D. S. DOOLEY, *Superintendent.* D. F. RULE, *Asst. Mine Foreman.*
E. H. HENDRICKS, *Asst. Mine Foreman.*

LOW MOOR IRON COMPANY OF VA.

KAYMOOR.

No. 834. *Kaymoor No. 1.*—This is a drift mine located one mile east of Fayette on the south side of New River and on the main line of the C. & O. Railway. Operating the Sewell seam 3 feet in thickness with generally good roof of strong slate requiring ordinary timbering. Drainage is maintained by pumps and water boxes. Ventilation is maintained on the double and triple entry system which is being improved by reinforced stoppings and produced by an up-to-date 8 foot Fan.

This mine has been idle for considerable time during the year owing to the necessity of reconstructing their incline trestle and for general repairs, both in and outside the mine, which is now much improved. Their electric haulage power is conducted into the mine by high voltage wire cable to a sub-station transformer inside the mine. A normal capacity of 400 tons daily is easily taken care of over a monitor incline to tipple. Gas is detected by occasional feeders.

G. H. ESSER, *Superintendent.* BERT REESE, *Mine Foreman and Fire Boss.*

LOW MOOR IRON COMPANY OF VA.

KAYMOOR.

No. 835. *Kaymoor No. 2.*—This is a drift mine located at South Fayette on south side of New River and on the main line of the C. & O. R. R. Operating in the Sewell seam 3 feet in thickness, with good slate roof, requiring ordinary timbering. Drainage is natural. Ventilation is well maintained on the double entry system, and produced by an up-to-date 8 foot Fan. Their capacity and output of 200 tons daily is easily taken care of over a monitor incline to bins at railroad below. Slight gas feeders are occasionally found in this mine.

G. H. ESSER, *Superintendent.* STEPHEN FROME, *Mine Foreman and Fire Boss.*

LYNCHBURG COLLIERY COMPANY.

WYNDALL.

No. 836. *Wyndall No. 2.*—This mine is located 2 miles east of Gamoca, on the same branch. Is a drift mine operating the No. 2 Gas seam, 3 feet in thickness, with a strong rock roof, but as they work on a semi long wall system they post very close. Drainage is natural. Ventilation is well taken care of on the double entry system, produced by a furnace. At the request of the Mining Department they abandoned a gasoline motor used for haulage and have since installed electric haulage. Their output of 100 tons daily is handled over a long incline to tipple.

T. A. DEITZ, *Manager.* L. D. MORAN, *Superintendent and Mine Foreman.*

LYNCHBURG COLLIERY COMPANY.

WYNDALL.

No. 837. *Wyndall No. 5.*—Is in the same location as No. 2 mine and reached by an additional incline, working in the extreme eastern crop of the Coalburg seam, 5 feet in thickness, with general conditions good. As this mine has been idle during the past year on account of dull business there is no further detail.

T. A. DEITZ, *Manager.* L. D. MORAN, *Superintendent and Mine Foreman.*

MICHIGAN COAL COMPANY.

FAYETTE.

No. 838. *Michigan.*—This is a drift mine, located on north side of New River two miles west of Fayette, on the main line of the C. & O. R. R., operating the Sewell seam, 3 feet in thickness, with a variable slate roof, mostly good. This mine is generally well taken care of, timber along main entries having recently been renewed. Drainage good. Ventilation well maintained by double entry system, produced by an 8 foot Fan. A normal output of 300 tons is handled over an incline to a 1000 ton storage bin at railroad below. A slight quantity of explosive gas is found by feeders.

JAS. D. BOONE, *Manager and Superintendent.* DANIEL STULL, *Mine Foreman and Fire Boss.*

MILL CREEK COLLIERY COMPANY.

ANSTED.

No. 839. *Mill Creek.*—This is a drift mine, located on the Ansted branch of the C. & O. R. R., one mile from Hawks Nest on the main line and on Mill Creek, operating the Sewell seam. The seam at this operation averages close to 3 feet in thickness and gives off explosive gas freely but is well looked after. Drainage is kept in good condition by pumps. The ventilation is well maintained on the double entry system, produced by an 8 foot fan. An overcast has recently been put in service affording fresh air to all the live workings, placing all of abandoned workings in the return air to the outside. As the two openings to this mine are in a very cramped and confined location the Department of Mines has recommended that all their wood structures near drift mouths be replaced by non-combustible materials. This mine can produce 200 tons daily it being mined absolutely by air puncher machines with a safe shot firing system.

W. J. EVANS, *Genl. Manager.* H. SMITH, *Mine Foreman.*
R. H. MASSEY, *Superintendent.* W. W. JOHNSON, *Fire Boss.*
J. SIMMS, *Fire Boss.*

M. B. COAL & COKE COMPANY.

KIMBERLY.

No. 840. *Columbia Mine No. 5.*—Located one mile farther up the same branch than the Kimberly Mine, two miles from Mt. Carbon, operating in the No. 5 splint coal which averages 6 feet in thickness, with a very weak and frail slate roof, which requires close timbering by posts and headers. Ventilation is maintained by the double entry system, with an eight foot fan at the back end of the mine, giving good results, placing all the wood buildings about the openings in the return air from the mine. The output of this mine is handled over a 1900 foot incline to a shaker screen at tipple. The normal capacity and output being 300 tons per day.

J. M. NASH, *General Manager.* W. W. GILL, *Mine Foreman.*
L. C. TIPPETT, *Superintendent.*

M. B. COAL & COKE COMPANY.

ELKRIDGE.

No. 841. *Elkridge No. 1.*—Located at Elkridge W. Va. on the same branch as Kimberly and Columbia mines, seven miles south of the main line of the C. & O. R. R. at Mt. Carbon, operating the Powellton Coking seam, five feet six inches thick, with variable roof, necessitating posting in all sorts of systems. Drainage is natural. The mine being somewhat dry requires watering in places though the fire clay bottom retains moisture persistently. The mine is well ventilated by a 10-foot fan on the double entry system. An average output of 600 tons per day is handled over a monitor incline to tipple.

J. M. NASH, *General Manager.* LEWIS HORNSBY, *Mine Foreman.*
L. C. TIPPETT, *Superintendent.*

M. B. COAL & COKE COMPANY.

ELKRIDGE.

No. 842. *Elkridge No. 2.*—Is located one mile further south than No. 1 Mine on the same branch, in the same seam precisely under the same conditions except they handle an average output of 700 tons per day over an incline direct to the tipple by mine cars. A slight barrier pillar divides the workings of both mines. The electric power plant at this mine serves both mines.

J. M. NASH, *General Manager.* W. D. LEE, *Mine Foreman.*
L. C. TIPPETT, *Superintendent.*

THE M. B. COAL & COKE COMPANY.

KIMBERLEY AND ELKRIDGE.

No. 843. *Kimberly, Columbia, Elkridge Nos. 1 and 2.*—Kimberly No. 3 mine is located 1 mile on Armstrong Creek, a tributary south of the Kanawha River on the Powellton Branch of the C. & O. R. R., that intersects the main line at Mt. Carbon. Operates the No. 2 gas seam, four feet six inches thick, with a strong slate roof easily kept safe by posting. Drainage good. Ventilation good, produced by a 12-foot fan, by the double entry system. A monitor incline and tipple handles the output. On January 9th, 1915 the Department of Mines prohibited the use of two gasoline motors used for gathering coal from working faces. Owing to dullness of the trade the company has not replaced this haulage system, consequently the mine is still idle, the employees mostly working at the companies adjoining operations. The normal capacity and output of this mine is 500 tons per day. The electric power plant at this mine furnishes power for Columbia mine.

J. M. NASH, *General Manager.* L. M. PAYNE, *Mine Foreman.*
L. C. TIPPETT, *Superintendent.*

MECCA COLLIERY COMPANY.

EAGLE.

No. 844. *Edgewater.*—Is a drift mine located 2 miles east of Montgomery, on the main line of the C. & O. R. R. and on Kanawha River. Operating in the No. 2 Gas seam, of from 4 to 5 feet in thickness, with a weak slate roof that requires much posting. Drainage is natural. Ventilation is maintained by the double entry system and produced by a 12 foot Fan located at top of a shaft near working faces, giving good results. The normal output of 400 tons daily is handled over an incline to R. R. and river tipple which is equipped for loading barges and railroad equipment. Owing to litigation and dull business this and the Diamond mines have been idle since March, 1914.

H. T. SMARR, *Manager.* JOHN E. CARVER, *Mine Foreman.*
J. R. GARD, *Superintendent.*

MECCA COLLIERY COMPANY.

EAGLE.

No. 845. *Diamond.*—This is a drift mine located 4 miles east of Montgomery, on the main line of the C. & O. R. R., and on Kanawha river at the mouth of Armstrong creek. Operating in the No. 2 Gas seam, averaging 4 feet in thickness, with reasonably good slate roof, easily protected by timber. Drainage is maintained by pumps. Ventilation is provided by double entries and two Fans. The capacity of 500 tons daily of this mine is handled over a long tram road by a steam locomotive, then over an incline to a combination railroad and river tipple, where shipments by rail and river can be made.

H. T. SMARR, *Manager.* JAMES FRASER, *Mine Foreman.*
I. R. GARD, *Superintendent.*

THE MIDVALE COLLIERY COMPANY.

GAMOCA.

No. 846. *Gamoca.*—Is a drift mine, located on the same branch and two miles farther north of Vanetta, operating in the Coalburg seam six feet thick, good roof, and natural drainage. Scattered posting is done in case of warning only. The ventilation is well maintained by a ten-foot fan near working faces, on the double entry system. This seam is so high up on the mountain that it requires two inclines and separate landings to get the coal to the tipple after being hauled one mile through the hill by a gasoline motor. An output of 500 tons a day can be maintained.

T. A. DIETZ, *Manager.* CHAS. WORKMAN, *Mine Foreman.*
WM. THOMAS, *Superintendent.*

THE MOUNT CARBON COMPANY, Ltd.

POWELLTON.

No. 847. *Vulcan and Pluto.*—This mine is a drift opening, located 8 miles south of the main line of the C. & O. R. R., from Mt. Carbon, via. the Powellton Branch, on the left fork of Armstrong Creek. It is the first mine to develop the Powellton seam in the state. The seam at this point varies from five to seven feet in height, with a variable roof, from a weak draw slate to sand stone, necessitating all systems of timbering. Drainage is difficult on account of so many swags in the lay of the seam and abrupt changes of profile. Ventilation is well maintained and distributed by an 8-foot fan through the double entry system. By a system of back switches on their own standard guage track three miles from Powellton, they reach the mine at tipple heighth, where an output of 500 tons is being handled over their new tipple, which has a capacity of 2000 tons per day.

The Pluto Mine is in the same location as the Vulcan Mine, but a new development in the No. 2 gas seam, four feet thick, eighty feet above the Powellton seam and handled over a monitor incline to bins. This mine is new, will be developed on the double entry system and be equipped with modern equipment of fan and machinery. A large double unit power house, now in operation, serves both mines. The roof shows strong slate. The tipple is prepared for 1000 tons daily capacity.

GODWIN HALL POWELL, *General Manager.* ROBT. THOMPSON, *Mine Foreman.*
W. E. JAMES, *Superintendent.*

NEW RIVER AND POCAHONTAS CONSOLIDATED COAL COMPANY.

LAYLAND.

No. 848. *Layland Nos 1, 2 and 3.*—These are a series of drift mines opened in parallels of 2100 feet apart, along a tram road at an elevation of 2500 feet above sea level. Located on the Laurel Creek branch of the C. & O. R. R., 8 miles north of Quinnimont on New River main line of the C. & O. R. R., 80 miles east of Charleston, being the north eastern terminus of the New River coal developments. Operating in the Fire Creek seam of from 3 to 4 feet in thickness, having a fairly good slate roof that is well protected by timbering. The conditions of these mines are naturally alike being in the same seam and territory. Drainage is maintained by pumps. Ventilation is maintained and distributed by the double entry system, produced by one large Fan for Nos. 1 and 2 mines and one for No. 3 mine which is maintained in high efficiency throughout the entire operations. Gas in limited feeders is found in bore holes in face of No. 2 headings, 2 miles into face from drift mouth. It is claimed that slight intermittent feeders of gas have on remote occasions been found in the main No. 3 heading in bubbles of water from the bottom. It was in this No. 3 mine that the disastrous explosion of coal dust occurred on March 2nd, 1915, when 113 employees lost their lives. 52 were rescued, 47 of whom were hemmed in for four days and four nights, then being rescued and brought out alive. A complete report and record of which has been filed with the Department of Mines at Charleston. Since then the mine has been restored to normal operation. The output and capacity of these mines of 2000 tons daily is handled over a long tram road to a steel tipple with retarding conveyors to R. R. terminus. The mine is now operated under Fire boss precaution with no gas found.

H. M. BERTOLET, *Genl. Superintendent.*
O. A. KNEER, *Superintendent.*
L. J. NAHODILL, *Genl. Mine Foreman.*
OWEN AYERS, *Asst. Mine Foreman, No. 1 Mine.*
JAS. BEARD, *Asst. Mine Foreman, No. 2 Mine.*
J. WEBER, *Mine Foreman, No. 3 Mine.*
J. R. EVANS, *Fire Boss, No. 3 Mine.*
E. BURNSIDE, *Fire Boss, No. 3 Mine.*

THE NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

MINDEN.

No. 849. *Minden Nos. 2, 3, 4 and 5.*—These four mines are a group of drift operations located at the head of Arbuckle creek 4 miles south of Thurmond on what is known as the Paddy Rend branch of the C. & O. R. R., connecting by a back switch off the Loup Creek branch, on the south side of the Thurmond bridge. Ascending by circuitous grades to the level of the Sewell seam, in which these mines are operated, averaging from 4 to 5 feet in thickness, with a roof of irregular conditions, chiefly draw slate, as a rule requiring close timbering, which is well maintained through a well defined system characteristic of the general rule of this company in conducting all of the work in connection with the operation of these mines. The general conditions prevail alike in all four mines being in the same territory and seam with the exception that explosive gas is indicated in the Nos. 3, 4 and 5 mines, which are operated under Fireboss regulations, while the No. 2 mine shows no indication of gas whatever. Drainage is taken care of by pumps. Ventilation is maintained on the two and three entry system produced by large up-to-date Fans, located at each mine, giving most excellent results. The location of Nos. 2 and 5 are at tipple level while at Nos. 3 and 4 the coal is elevated from drift mouth to tipple by huge conveyors. These mines produce nearly equal in units aggregating 3500 tons daily capacity.

H. M. BERTOLET, *Genl. Superintendent.*
J. CLAPPERTON, JR., *Superintendent.*
JOHN FORBES, *Mine Foreman, No. 2 Mine.*
JOHN STEWART, *Mine Foreman, No. 3 Mine.*
GEORGE WATKEYS, *Mine Foreman, No. 5.*
WM. ROTHWELL, *Mine Foreman, No. 4.*
WM. BOLTON, *Fire Boss, No. 3.*
GEORGE BRYANT, *Fire Boss, No. 4.*
THOS. J. DAVIS, *Fire Boss, No. 3*
JAS. ALEXANDER, *Fire Boss, No. 4.*
J. HERBERT, *Fire Boss, No. 5.*
J. HURST, *Fire Boss, No. 5.*

NUTTALLBURG SMOKELESS FUEL COMPANY.

NUTTALLBURG.

No. 850. *Nuttall.*—This mine, one of the original operations in the New River field, is located 2 miles east of Fayette station on the west bound track of the C. & O. R. R., on the north side of New River. Operating in the Sewell seam. 4 feet in thickness with generally good roof of laminated slate. Drainage is natural. Ventilation is maintained and distributed on the double entry system, produced by 18 foot Fan. This mine is so extensively developed it makes ventilation a problem that will require relief from the back end of the lease by another opening to obtain favorable working results. Considerable repairs and renewals are being made which should make this mine produce 500 tons daily, which can well be handled over their monitor incline to coal bins and battery of coke ovens at railroad below. Slight feeders of explosive gas can be detected in bore holes and from the bottom in water holes.

WM. BROWN, *Superintendent.*
WALTER BLAND, *Mine Foreman.*
H. S. TULLY, *Fire Boss.*

THE G. M. BLUME ESTATE—(Operators.)

(The Fayette Coal & Coke Company.)

FAYETTE.

No. 851. *Fayette.*—This is a drift mine located on the north side of New River, on the main line of the C. & O. R. R., 49 miles east of Charleston, operating the Sewell seam, 3 feet in thickness, with generally good roof of hard slate. Drainage is taken care of by water boxes. Ventilation is maintained, distributed and produced by an 8 foot fan. The normal output of 200 tons daily is handled over a monitor incline to bins and coke ovens below. Slight feeders of explosive gas are found in this mine.

EDWARD BLUME, *Manager and Superintendent.*
ED. SIMMS, *Mine Foreman.*
J. G. CLEMANTS, *Fire Boss.*

QUINNIMONT COAL COMPANY.

LAWTON.

No. 852. *Big Q.*—This mine consists of a series of drifts opened along tram roads on Lick Fork, 4 miles north of Quinnimont, on the Laurel Creek branch of the C. & O. R. R. Operating the Fire creek seam of from 3 to 4 feet in thickness, with irregular slate roof, but well protected by timbering. Drainage is good. Ventilation is well maintained by the double entry system produced by an 8 foot disk Fan. An output of 400 tons daily is handled over a monitor incline at R. R. Bins.

C. GALLIDAUT, *Manager.*
W. D. RADER, *Superintendent.*
EDWARD GORDON, *Mine Foreman.*

RIDGEVIEW COAL COMPANY.

THAYER.

No. 853. *Ridgeview.*—This operation consists of a series of openings along the original Slater mine tram road, on Shaker Creek for nearly 3 miles. Is located 7 miles east of Thurmond, on main line of the C. & O. R. R., on north side of New River, operating the Fire Creek seam, from 2 to 4 feet in thickness, with weak slate roof. Drainage is natural. Ventilation is maintained on the double entry system, produced by a 5 foot fan, giving good results. An output of 50 tons daily is hauled by a wire rope one mile, then by steam locomotive 2 miles, to a monitor incline and bins to R. R.

C. A. BROCKMAN, *Manager and Superintendent.*
S. P. HARRIS, *Mine Foreman.*

RIVER VALLEY COLLIERY COMPANY.

HAWKS NEST.

No. 854. *River Valley.*—This mine is a series of drift openings along a tram road facing New River and on the main line of the C. & O. R. R., one mile east of Hawks Nest. Operating in the Sewell seam, 3 feet in thickness, with a good roof. A rock tunnel is now being driven through a broad rock fault in the main entry, in a direct line from the incline and tipple, which will add very much to the future operation of the mines. Drainage is maintained by the water box system. Ventilation is maintained by the double entry system, produced by an 8 foot Fan. The average output of 200 tons daily can be readily handled over their short incline to large storage bins at R. R.

D. W. BOONE, *Superintendent.* A. R. JONES, *General Mine Foreman.*

ROCK LICK COAL COMPANY.

CONCHO.

No. 855. *Thurmond No. 1.*—This mine consists of several openings in a series of mountain tops, located one mile west of Thurmond on the South Side branch of the C. & O. R. R., along New River. The principal work is now being developed in the No. 4 hill, in the Sewell seam, 4 feet in thickness, with a very weak draw slate roof, that is necessarily well posted. The drainage is well taken care of by pumps. Ventilation is conducted and maintained on the double entry system and produced by an 8 foot fan. An output of 500 tons daily is hauled 3 miles by electric motors to a monitor incline and R. R. tipple.

ROCK LICK COAL COMPANY.

CONCHO.

Erskine No. 2.—This mine consists of old drifts located one mile west of Thurmond, on the South Side branch of the C. & O. R. R. along New River, operating the Fire Creek seam of no defined thickness, owing to being disturbed by faults throughout. The mine has been operated for several years by a few men on a basis of about 50 tons daily and from pillar work only. Ventilation is produced by a large fan, keeping the old workings clear. While under development, gas was indicated but none has been discovered for some years. The output is taken care of over a monitor incline to railroad tipple below.

GILBERT SMITH, *Superintendent.* BEN WILSHIRE, *Mine Foreman and*
(Thurmond and Erskine.) *Fire Boss, Thurmond No. 1.*

ROTHWELL COAL COMPANY.

DUBREE.

No. 856. *Dubree.*—This is a drift mine composed of several openings along the crop located on the Keeneys Creek branch of the C. & O. R. R., one-half mile north of Winona, operating the Sewell seam averaging $3\frac{1}{2}$ feet in thickness, with a good slate roof, with a light cover and well protected by timber. Faults in this mine have caused considerable irregular development of these workings, which, though difficult, has been well conducted. Drainage is well provided for. Ventilation is well maintained and distributed according to law and is produced by a 12 foot fan on top of an air shaft 60 feet deep, and on the double entry system. Their normal output and capacity of 300 tons daily is hauled over a long tramroad to an incline and tipple at railroad.

H. H. ROTHWELL, *Manager and Superintendent.* GEORGE HIGGINS, *Mine Foreman.*

SCOTIA COAL & COKE COMPANY.

FINLOW.

No. 857. *Brooklyn.*—This mine is composed of a series of drift openings along the New River front, and on Coal Run. Located 2 miles east of Sewell, on the South Side branch of the C. & O. R. R., operating in the Sewell seam, 4 feet in thickness, with good roof on the New River side, but having a very weak draw slate on the Coal Run side, but is well protected by close timbering. Drainage is well provided for. Ventilation is maintained on the double entry system and produced by two fans, one 8 and one 4 feet, besides the advantage of natural ventilation through several openings. Their output of a capacity of 400 tons daily is well taken care of over a long incline, with 3 mine cars per trip to tipple at railroad.

G. H. CAPERTON, *President.* FRED PLASTER, *Mine Foreman.*
H. A. MOSELEY, *Superintendent.*

SCOTIA COAL & COKE COMPANY.

FINLOW.

No. 858. *Red Ash.*—This is a drift mine located 2½ miles west of Thurmond, 62 miles east of Charleston, and on the South Side branch of the C. & O. R. R., along New River; operating the Fire Creek seam, with coal of irregular thickness of from 3 to 8 feet in thickness, with generally good roof requiring but ordinary timbering. Drainage is maintained by pumping day and night, having a great deal of water to contend with, yet owing to the dusty nature of the coal, a system of keeping it well watered down by pipe lines and hose is continually maintained. This mine has always generated explosive gas freely during development, but at present and for sometime past there has been no development, having encountered many faults and rolls. The operation consists of pillar work, on the retreat, which is coming rapidly to an end. The ventilation is maintained by a 15 foot Cappell fan. The main entry of this mine is to be maintained as a pumping station to prevent an overflow of water into the adjoining Rush Run mine of the same company. They maintain an output of about 150 tons daily over an incline to tipple at railroad.

G. H. CAPERTON, JR., *Manager and* GEORGE THOBURN, *Mine Foreman.*
Superintendent. ALFRED PHILLIPS, *Fire Boss.*

SCOTIA COAL & COKE COMPANY.

No. 859. *Rush Run.*—This is a drift mine located 2 miles west of Thurmond, on the South Side Branch of the C. & O. R. R., along New River, operating the Fire Creek seam, of from 4 to 5 feet in thickness, with good roof, requiring ordinary timbering. Drainage is maintained by pumps and otherwise. Ventilation is well maintained on the double entry system and canvassing to faces of working places, keeping the mine clear of explosive gas, that generates very freely at all times. Venfilation is produced by a 15 foot Cappell fan, giving good results. The output of this mine is increasing almost daily, so that soon a capacity and output of 500 tons daily can be attained, which is handled over an incline to tipple at railroad.

G. H. CAPERTON, JR., *Genl. Manager and* R. J. MORTON, *Mine Foreman.*
Superintendent. R. S. HOY, *Fire Boss.*

SEWELL COLLIERY COMPANY.

CAPERTON.

No. 860. *Sugar Camp.*—This is a drift mine located five miles east of Fayette Station, on the north side of New River, and on the C. & O. R. R. main line, operating in the Sewell seam, 4 feet in thickness, with variable slate roof, requiring very close and careful timbering. Drainage is natural. Ventilation very poorly conducted and poorly maintained on the double entry system, produced by an 8-foot fan located in the interior of the mine. As a relief a new opening is being made to the outside so as to install the fan where the mine can get the benefit of the necessary ventilation to operate in accordance with the law. The capacity and normal output of 300 tons daily is taken care of over a monitor incline to bins at railroad.

S. J. BAYS, *Superintendent.* GORDON HALL, *Mine Foreman.*

SOUTH SIDE COMPANY.

CAPERTON.

No. 861. *South Side.*—This is a drift mine located on the south side of New River and on the C. & O. R. R. main line, five miles east of Fayette, operating the Sewell seam, 4 feet in thickness, with a strong slate roof, requiring ordinary timbering. Drainage is good. Ventilation is well maintained and distributed on the double entry system, produced by two 5 foot fans within the mine, but a new opening has been completed to install an up-to-date fan to ventilate the whole mine. Their capacity of 400 tons daily is handled over a long monitor incline to bins at railroad below.

H. A. MOSELY, *Superintendent.* W. MORTON, *Mine Foreman.*

STONE CLIFF COAL & COKE COMPANY.

STONE CLIFF.

No. 862. *Stone Cliff.*—This mine consists of a series of drift mines opened along a tram road two miles east of Thurmond, on the main line of the C. & O. R. R. and north side of New River. Operating in the Sewell seam, of from 2 to 5 feet in thickness, with generally good roof, requiring ordinary timbering. Drainage is neglected along main haulways. Ventilation is indifferent, being conducted on the old system of entry and room or break-through with curtains at room mouths. But all future development will be provided with a double entry system of ventilation produced by an 8-foot fan, located at main drift mouth. Their capacity of 200 tons daily is handled over a monitor incline to bins at railroad.

C. A. BROCKMAN, *Manager.* JOHN HARRIS, *Mine Foreman.*
J. H. DEMPSEY, *Superintendent.*

THE ST. CLAIR COLLIERY COMPANY.

EAGLE.

No. 863. *Archer Mine.*—Located three miles east of Montgomery on the main line of the C. & O. R. R., operating in the crop of the eastern extreme of the No. 5 splint seam, six feet thick, with a light cover of sand rock roof, easily maintained by ordinary posting, full of crevices making drainage difficult, keeping the roadways soft and muddy. Ventilation is afforded sufficiently by the acute difference of elevation of the many openings surrounding the operation. The mine is reached by an incline 2400 feet from the tipple and has an output of 250 tons per day and can be maintained.

JOHN CONNELL, *Superintendent.* ED. FORBES, *Mine Foreman.*

THE ST. CLAIR COLLIERY COMPANY.

EAGLE.

No. 864. *St. Clair No. 1.*—Located two and one-half miles east of Montgomery, on the main line of the C. & O. R. R. and Kanawha river, operating the No. 1 Eagle seam, averaging four and one-half feet in thickness, with a laminated slate roof, easily kept safe by ordinary posting. Drainage is maintained by seepage through the abandoned workings of Eagle mine below. Ventilation is maintained on the double entry system and has recently been very much improved by the installation of a new eight-foot disc fan in a new air course from the outside. This mine's normal capacity averages 400 tons per day. Much improvement has been made to outside equipment by remodeling the incline and a conveyor loaded to river barges, as they ship by rail and river. All machinery is operated by electricity.

JOHN CONNELL, *Superintendent.* CHAS. PARKER, *Mine Foreman.*

NICHOLAS COUNTY.

THE COALBELL COAL COMPANY.

BENTREE.

No. 865. *Coalbell No. 2.*—This mine is located on the Bell Creek Branch of the C. & O. R. R., four miles from Belva on Gauley river. Is a drift mine, operating in the Coalburg seam, four feet thick. roof very weak. of slate, coal and fire clay mixture, requiring very careful timbering of all systems. Drainage is mostly natural. This mine was formerly the Carter mine, the operation having been suspended several years, but now being reopened by renewal of tipple, incline, and drift mouths and fan equipment for ventilation, and will soon be ready for operation with a capacity of 200 tons per day.

S. M. DUNBAR, *Manager* ALEX. ANDERSON, *Mine Foreman.*
and Superintendent.

THE COALBELL COAL COMPANY.

BENTREE.

No. 866. *Coalbell No. 1 or Trees.*—This mine is located on the Bell Creek Branch of the C. & O. R. R., four miles from Belva on Gauley river. It is a drift mine, operating in the Coalburg seam, 4 feet thick, roof very weak, of slate, coal and fire clay mixture, requiring very careful timbering of all systems. Drainage is mostly natural. This mine was formerly known as the Arminous mine, and was reopened by the above company in the fall of 1913, having to rebuild tipple, incline, electric power house, machine shops, etc. Its capacity is 250 tons per day. Ventilation well maintained by double entry system.

S. M. DUNBAR, *Manager* GLEN PUGH, *Mine Foreman.*
and Superintendent.

RIDGEWOOD COAL COMPANY.

VAUGHN.

No. 867. *Ridgewood.*—This is a drift mine located at Greendale, two miles north of Vaughn, on the 20-mile branch of the C. & O. R. R., nine miles east of Belva Junction, on Gauley river. Operating the Coalburg seam 4 feet in thickness. This mine has not been in operation since March, 1914, and now held in litigation by the owners.

R. D. O'SHAUNESSY, (last) *Manager.*

NINTH DISTRICT.

GENERAL SUMMARY FOR THE NINTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Fayette.. (Part)	32	45	1,431	494	122	980	3,027	449	19	468	3,495	2,310,695	19,461
Raleigh (Part)	50	13	1,637	359	89	936	3,021	358		358	3,379	2,701,385	....
Totals	82	58	3,068	853	211	1,916	6,048	807	19	826	6,874	5,012,080	19,461

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE NINTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE COUNTY			
Long Branch Coal Co	Long Branch	10-13-14	Lance B. Holliday
Long Branch Coal Co.	Long Branch	1- 7-15	Lance B. Holliday
Long Branch Coal Co.	Long Branch	5- 4-15	Lance B. Holliday
Macdonald Colliery Co.	Macdonald	7-23-14	Lance B. Holliday
Macdonald Colliery Co.	Macdonald	11- 9-14	Lance B. Holliday
Macdonald Colliery Co.	Macdonald	2- 3-15	Lance B. Holliday
Macdonald Colliery Co.	Macdonald	6- 7-15	Lance B. Holliday
McKell Coal & Coke Co.	Kilsyth No. 1	8-31-14	Lance B. Holliday
McKell Coal & Coke Co.	No. 2	8-31-14	Lance B. Holliday
McKell Coal & Coke Co.	Derryhale	11-19-14	Lance B. Holliday
McKell Coal & Coke Co.	Kilsyth	1- 6-15	Lance B. Holliday
McKell Coal & Coke Co.	Derryhale	5-11-15	Lance B. Holliday
McKell Coal & Coke Co.	Kilsyth	5-12-15	Lance B. Holliday
Meadow Fork Coal Co.	Meadow Fork	2-25-15	Lance B. Holliday
Mount Hope Coal & Coke Co.	Baby	9- 2-14	Lance B. Holliday
Mount Hope Coal & Coke Co.	Baby	11-16-14	Lance B. Holliday
Mount Hope Coal & Coke Co.	Baby	1- 7-15	Lance B. Holliday
Mount Hope Coal & Coke Co.	Baby	5- 8-15	Lance B. Holliday
New River Collieries Co.	Sun No. 2	12-14-14	Lance B. Holliday
New River Collieries Co.	No. 1	2- 1-15	Lance B. Holliday
New River Collieries Co.	No. 3	2- 5-15	Lance B. Holliday
New River Collieries Co.	Nos. 1 & 3	6-14-15	Lance B. Holliday
New River Collieries Co.	No. 2	6-15-15	Lance B. Holliday
New River Collieries Co.	Weirwood	10-12-14	Lance B. Holliday
New River Collieries Co.	Weirwood	11-16-14	Lance B. Holliday
New River Collieries Co.	Weirwood	5- 3-15	Lance B. Holliday
Newlyn Coal Co.	Newlyn	10-29-14	Lance B. Holliday
Newlyn Coal Co.	Newlyn	6- 2-15	Lance B. Holliday
Nichol Colliery Co.	Nichol	9-18-14	Lance B. Holliday
Nichol Colliery Co.	Nichol	12-16-14	Lance B. Holliday
Nichol Colliery Co.	Nichol	1-18-15	Lance B. Holliday
Nichol Colliery Co.	Nichol	6-17-15	Lance B. Holliday
Prudence Coal Co.	Jones No. 2	8-25-14	Lance B. Holliday
Prudence Coal Co.	No. 3	8-25-14	Lance B. Holliday
Prudence Coal Co.	Nos. A & B	8-26-14	Lance B. Holliday
Prudence Coal Co.	Nos. 1 & 2	8-26-14	Lance B. Holliday
Prudence Coal Co.	No. B	10-30-14	Lance B. Holliday
Prudence Coal Co.	Jones No. 3	1-19-15	Lance B. Holliday
Prudence Coal Co.	No. 1	1-20-15	Lance B. Holliday
Prudence Coal Co.	Nos. A & B	1-20-15	Lance B. Holliday
Prudence Coal Co.	Lyman No. 1 & 2	2- 2-15	Lance B. Holliday
Prudence Coal Co.	Jones No. 3	6-16-15	Lance B. Holliday
Prudence Coal Co.	No. B	6-16-15	Lance B. Holliday
Prudence Coal Co.	Lyman No. 3	6-16-15	Lance B. Holliday
Star Coal & Coke Co., The	Star	9- 1-14	Lance B. Holliday
Star Coal & Coke Co., The	Star	12-10-14	Lance B. Holliday
Star Coal & Coke Co., The	Star	2-24-14	Lance B. Holliday
Star Coal & Coke Co., The	Star	6- 1-15	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 3	11-13-14	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 4	11-13-14	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 4	5-20-15	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 3	5-21-15	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 3	6-30-15	Lance B. Holliday
Stonewall Coal & Coke Co.	No. 4	6-30-15	Lance B. Holliday
Stuart Colliery Co.	Lochgelly	7- 6-14	Lance B. Holliday
Stuart Colliery Co.	Summerlee	11-18-14	Lance B. Holliday
Stuart Colliery Co.	Lochgelly	6- 3-15	Lance B. Holliday
Stuart Colliery Co.	Summerlee	6- 4-15	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 1	7- 2-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 2	7-21-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 1	8-27-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 2	9-17-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 1	12-11-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 2	12-11-14	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 1	5- 5-15	Lance B. Holliday
Sugar Creek Coal & Coke Co.	No. 2	5- 5-15	Lance B. Holliday
Turkey Knob Coal Co.	Turkey Knob	7- 3-14	Lance B. Holliday
Turkey Knob Coal Co.	Hickory Branch	9-15-14	Lance B. Holliday
Turkey Knob Coal Co.	Turkey Knob	9-15-14	Lance B. Holliday
Turkey Knob Coal Co.	Hickory Branch	12-18-14	Lance B. Holliday
Turkey Knob Coal Co.	Turkey Knob	2- 4-15	Lance B. Holliday
Turkey Knob Coal Co.	Hickory Branch No. 2 & 3	5-10-15	Lance B. Holliday
White Oak Fuel Co.	Whipple	7- 7-14	Lance B. Holliday

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
FAYETTE CO.—Continued			
White Oak Foel Co.	Scarbro	7- 8-14	Lance B. Holliday
White Oak Fuel Co.	Wingrove	7-10-14	Lance B. Holliday
White Oak Fuel Co.	Whipple	12- 8-14	Lance B. Holliday
White Oak Fuel Co.	Wingrove	12- 9-14	Lance B. Holliday
White Oak Fuel Co.	Whipple	2-10-15	Lance B. Holliday
White Oak Fuel Co.	Carlisle	2-22-15	Lance B. Holliday
White Oak Fuel Co.	Carlisle	2-22-15	John I. Absalom
White Oak Fuel Co.	Oakwood	2-23-15	John I. Absalom
White Oak Fuel Co.	Oakwood	2-23-15	Lance B. Holliday
White Oak Fuel Co.	Whipple	5-24-15	Lance B. Holliday
White Oak Fuel Co.	Wingrove	5-25-15	Lance B. Holliday
White Oak Fuel Co.	Scarbro	5-26-15	Lance B. Holliday
Willis Branch Coal Co.	No. 2	5- 3-15	Lance B. Holliday
Willis Branch Coal Co.	No. 3	5- 3-15	Lance B. Holliday
Willis Branch Coal Co.	No. 2	6-28-15	Lance B. Holliday
Willis Branch Coal Co.	No. 3	6-28-15	Lance B. Holliday
RALEIGH COUNTY			
Beckley Coal & Coke Co.	Beckley	10-20-14	Lance B. Holliday
Beckley Coal & Coke Co.	Beckley	5-17-15	Lance B. Holliday
Blue Jay Lumber Co.	No 4	8-14-14	Lance B. Holliday
Bower Coal Co.	Bower	10-21-14	Lance B. Holliday
Bower Coal Co.	Bower	12- 2-14	Lance B. Holliday
Bower Coal Co.	Bower	3-29-15	Lance B. Holliday
City Coal Co.	Combs	7-15-14	Lance B. Holliday
City Coal Co.	Combs	10-15-14	Lance B. Holliday
City Coal Co.	Combs	11-28-14	Lance B. Holliday
City Coal Co.	Combs	1-15-15	Lance B. Holliday
City Coal Co.	Combs	4-14-15	Lance B. Holliday
City Coal Co.	Combs	6- 8-15	Lance B. Holliday
Collins Colliery Co.	No. 1	7- 9-14	Lance B. Holliday
Collins Colliery Co.	No. 3	9- 3-14	Lance B. Holliday
Collins Colliery Co.	No. 3	12-17-14	Lance B. Holliday
Cranberry Fuel Co.	Sprague	7-27-14	Lance B. Holliday
Cranberry Fuel Co.	Sprague	9-24-14	Lance B. Holliday
Cranberry Fuel Co.	Cranberry	12- 3-14	Lance B. Holliday
Cranberry Fuel Co.	Sprague	1-14-15	Lance B. Holliday
Cranberry Fuel Co.	Sprague	4-19-15	Lance B. Holliday
Cranberry Fuel Co.	Cranberry	6- 9-15	Lance B. Holliday
Dunglen Coal Co.	No. 3	11-23-14	Lance B. Holliday
Dunloop Coal & Coke Co.	Nos. 2, 4 & 6	9-16-14	Lance B. Holliday
Dunloop Coal & Coke Co.	No. 5	9-16-14	Lance B. Holliday
Dunloop Coal & Coke Co.	No. 5	11-17-14	Lance B. Holliday
Dunloop Coal & Coke Co.	No. 5	5-14-15	Lance B. Holliday
Dunloop Coal & Coke Co.	Nos. 2 & 6	5-27-15	Lance B. Holliday
Harvey Coal & Coke Co.	No. 1	12-15-14	Lance B. Holliday
Harvey Coal & Coke Co.	No. 1	1-21-15	Lance B. Holliday
Hindson Coal Co.	Dunglen No. 1	6-29-15	Lance B. Holliday
Lanark Coal Co.	No. 4	7-30-14	Lance B. Holliday
Lanark Coal Co.	No. 4	11-30-14	Lance B. Holliday
Lanark Coal Co.	No. 4	4-16-15	Lance B. Holliday
Laura Mining Co.	Laura	8-28-14	Lance B. Holliday
Laura Mining Co.	Laura	10-30-14	Lance B. Holliday
Laura Mining Co.	Laura	5-28-15	Lance B. Holliday
Lilly Mining Co.	Whorley	8-14-14	Lance B. Holliday
Lilly Mining Co.	No. 1	11- 2-14	Lance B. Holliday
Lilly Mining Co.	No. 2	11- 2-14	Lance B. Holliday
Lilly Mining Co.	No. 1	1-12-15	Lance B. Holliday
Lilly Mining Co.	No. 2	1-12-15	Lance B. Holliday
Lilly Mining Co.	No. 2	4-23-15	Lance B. Holliday
Lilly Mining Co.	Nos. 1 & 2	6-18-15	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 2	7-28-14	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 1	7-29-14	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 2	10-21-14	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 2	12- 4-14	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 1	12-30-14	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 2	3-29-15	Lance B. Holliday
Mabscott Coal & Coke Co.	No. 1	4-20-15	Lance B. Holliday
McKell Coal & Coke Co.	Oswald No. 3	7-22-14	Lance B. Holliday
McKell Coal & Coke Co.	No. 4	7-22-14	Lance B. Holliday
McKell Coal & Coke Co.	Tamroy	8-24-14	Lance B. Holliday
McKell Coal & Coke Co.	Oswald No. 1	1- 4-15	Lance B. Holliday
McKell Coal & Coke Co.	No. 4	1- 4-15	Lance B. Holliday
McKell Coal & Coke Co	No. 2	1- 5-15	Lance B. Holliday
McKell Coal & Coke Co.	Tamroy No. 1	1- 5-15	Lance B. Holliday
McKell Coal & Coke Co.	Oswald No. 2	5- 6-15	Lance B. Holliday

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
RALEIGH CO.—Continued			
McKell Coal & Coke Co	No. 4	5- 6-15	Lance B. Holliday
McKell Coal & Coke Co	Tamroy No. 1	5- 7-15	Lance B. Holliday
New River Collieries Co	Eccles No. 5	8- 3-14	Earl A. Henry
New River Collieries Co	Eccles No. 5	8- 3-14	R. Y. Muir
New River Collieries Co	Eccles No. 5	8- 4-14	R. Y. Muir
New River Collieries Co	Eccles No. 5	8- 4-14	E. A. Henry
New River Collieries Co	No. 3	8-10-14	R. Y. Muir
New River Collieries Co	No. 3	8-11-14	R. Y. Muir
New River Collieries Co	No. 3	8-17-14	Lance B. Holliday
New River Collieries Co	No. 4	8-18-14	Lance B. Holliday
New River Collieries Co	No. 6	9-22-14	Lance B. Holliday
New River Collieries Co	No. 5	9-23-14	Lance B. Holliday
New River Collieries Co	No. 5	12-28-14	Lance B. Holliday
New River Collieries Co	No. 6	12-28-14	J. I. Absalom
New River Collieries Co	No. 3	12-29-14	Lance B. Holliday
New River Collieries Co	No. 3	12-29-14	J. I. Absalom
New River Collieries Co	No. 4	12-29-14	J. I. Absalom
New River Collieries Co	No. 4	12-29-14	Lance B. Holliday
New River Collieries Co	No. 3	4- 5-15	Lance B. Holliday
New River Collieries Co	No. 4	4- 5-15	Lance B. Holliday
New River Collieries Co	No. 5	4- 6-15	Lance B. Holliday
New River Collieries Co	No. 6	4- 7-15	Lance B. Holliday
New River Collieries Co	No. 6	4-26-15	J. I. Absalom
New River Collieries Co	No. 5	4-26-15	Lance B. Holliday
New River Collieries Co	No. 5	4-26-15	J. I. Absalom
Pemberton Coal & Coke Co	Affinity	11-25-14	J. I. Absalom
Pemberton Coal & Coke Co	Affinity	1-13-15	J. I. Absalom
Pemberton Fuel Co	Pemberton Fuel	7-14-14	J. I. Absalom
Pemberton Fuel Co	Pemberton Fuel	10-22-14	J. I. Absalom
Pemberton Fuel Co	Pemberton Fuel	1-27-15	J. I. Absalom
Pemberton Fuel Co	Pemberton Fuel	4-22-15	J. I. Absalom
Piney Mining Co	No. 3	7-30-14	J. I. Absalom
Piney Mining Co	No. 4	10-19-14	J. I. Absalom
Piney Mining Co	No. 3	11-24-14	J. I. Absalom
Piney Mining Co	Nos. 1 & 2	12- 1-14	J. I. Absalom
Piney Mining Co	Nos. 1 & 2	3-12-15	J. I. Absalom
Piney Mining Co	No. 4	4-21-15	J. I. Absalom
Piney Mining Co	No. 3	4-29-15	J. I. Absalom
Piney Mining Co	Nos. 1 & 2	4-30-15	J. I. Absalom
Piney Mining Co	Nos. 1 & 2	6-21-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 1	8-12-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 4	8-13-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 5	8-20-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 3	8-20-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 3	8-21-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 5	10-16-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 4	10-23-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 6	11-27-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 1	12-31-14	J. I. Absalom
Raleigh Coal & Coke Co	No. 3	3- 1-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 3 1-2	3-19-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 4	3-30-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 5	4-15-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 1	5-18-15	J. I. Absalom
Raleigh Coal & Coke Co	No. 6	5-19-15	J. I. Absalom
Royal Coal Co	Royal	11-12-14	J. I. Absalom
Royal Coal Co	Royal	1-28-15	J. I. Absalom
Slab Fork Coal Co	No. 7	8- 7-14	R. Y. Muir
Slab Fork Coal Co	No. 5	8-11-14	R. Y. Muir
Slab Fork Coal Co	No. 5	8-12-14	R. Y. Muir
Slab Fork Coal Co	No. 2	8-12-14	R. Y. Muir
Slab Fork Coal Co	No. 3	8-13-14	R. Y. Muir
Slab Fork Coal Co	No. 3	9- 9-14	Lance B. Holliday
Slab Fork Coal Co	No. 2	9-10-14	Lance B. Holliday
Slab Fork Coal Co	No. 5	9-10-14	Lance B. Holliday
Slab Fork Coal Co	No. 5	9-11-14	Lance B. Holliday
Slab Fork Coal Co	No. 2	3-24-15	Lance B. Holliday
Slab Fork Coal Co	No. 3	3-24-15	Lance B. Holliday
Slab Fork Coal Co	No. 5	3-25-15	Lance B. Holliday
Sullivan Coal & Coke Co	North	9- 8-14	Lance B. Holliday
Sullivan Coal & Coke Co	South	9- 8-14	Lance B. Holliday
Sullivan Coal & Coke Co	North	12-23-14	Lance B. Holliday
Sullivan Coal & Coke Co	No. 4 South	6-10-15	Lance B. Holliday
Sullivan Coal & Coke Co	Main North	6-11-15	Lance B. Holliday
West Virginia Coal Co	Ragland	8-19-14	Lance B. Holliday
West Virginia Coal Co	Ragland	10-14-14	Lance B. Holliday

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
RALEIGH CO.—Continued			
West Virginia Coal Co.	Ragland	1-11-15	Lance B. Holliday
West Virginia Coal Co.	Ragland	3-11-15	Lance B. Holliday
White E. E. Coal Co.	No. 1	12-21-14	Lance B. Holliday
White E. E .Coal Co.	No. 2	12-22-14	Lance B. Holliday
White E. E. Coal Co.	No. 1	3-22-15	Lance B. Holliday
White E. E. Coal Co.	No 2	3-23-15	Lance B. Holliday
White E. E. Coal Co.	Stotesbury	4-27-15	Lance B. Holliday
White E. E. Coal Co.	Stotesbury	4-28-15	Lance B. Holliday
Wood Peck Coal Co.	Wood Peck	9- 8-14	Lance B. Holliday
Wood Peck Coal Co.	Wood Peck	1-26-15	Lance B. Holliday
Wood Peck Coal Co.	Wood Peck	6-10-15	Lance B. Holliday
Wright Coal & Coke Co.	No. 2	1-29-15	Lance B. Holliday
Wright Coal & Coke Co.	No. 1	4- 8-15	Lance B. Holliday
Wright Coal & Coke Co.	No. 3	4- 8-15	Lance B. Holliday
Wright Coal & Coke Co.	No. 2	4- 9-15	Lance B. Holliday

INSPECTOR'S REPORT.

BECKLEY, W. VA., September 30, 1915.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith submit to you my annual report as Inspector of the Ninth Mining District of West Virginia, for the year ending June 30th, 1915.

I regret that the accidents, both fatal and non-fatal have been so numerous. The majority of them could have been prevented had due diligence and careful care been exercised on those who were injured or lost their lives. It is painful for me to mention the Carlisle disaster, which occurred on the morning of February 6th, 1915, caused by the Fire Bosses neglecting their duties and not taking into consideration for a moment the welfare of life and property.

I sincerely thank you for the kind assistance you have rendered me during this year.

Respectfully yours,
LANCE B. HOLLIDAY,
Mine Inspector of the Ninth District.

FAYETTE COUNTY.

COLLINS COLLIERY COMPANY.

GLEN JEAN.

(General Offices, Macdonald, W. Va.)

No. 901. *Collins 1, 2 and 3.*—These are drift openings, located at Glen Jean, on the Loop Creek Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, double entry system. Average thickness of coal 4 feet. Roof both good and bad. These mines are practically damp throughout. Mining done by pick and machines. Haulage by mules and electric locomotives. Daily tonnage 550 tons, dumped at No. 1 Tipple. Ventilation produced by one 16 foot and one 10 foot Crawford McCrimmon fans, exhausting.

S. A. SCOTT, *General Manager.* T. D. THOMAS, *Superintendent.*
P. C. THOMAS, *Asst. Genl. Manager.* HENRY BLAKE, *Mine Foreman.*

DUNLOOP COAL & COKE COMPANY.

DUNLOOP.

(General Offices, Macdonald.)

No. 902. *Nos. 2, 4, 5 and 6.*—These are a series of drift openings, connected up with one another, located at Dunloop on the Loop Creek Branch of the C. & O. Railroad, operating the Sewell Seam, double entry system. Average thickness of coal, 5 feet 5 inches. Taking the roof in general, not good. Mining done by pick and machine miners. Haulage by Electric Locomotives. Drainage not good. Ventilation of these openings by one 10-foot, and one 6-foot fans, electrically driven, exhausting.

S. A. SCOTT, *Genl. Manager.* JOHN PORTER, *Superintendent.*
P. C. THOMAS, *Asst. Genl. Manager.* JOHN R. PORTER, *Mine Foreman*

HARVEY COAL & COKE COMPANY.

HARVEY.

(General Offices, Macdonald.)

No. 903. *Harvey Nos. 1 and 2.*—These are drift openings, located at Harvey, on the Loop Creek Branch of the C. & O. Railroad, operating the Sewell Seam, which has a thickness of 4 feet, 8 inches, with a slate roof, which requires careful timbering to insure safety. Coal is mined by both pick and machine miners and hauled by electric motors and mules. Daily tonnage 850 tons. Drainage only moderate. Mines ventilated by two fans, exhausting.

S. A. SCOTT, *Genl. Manager.* J. H. MCCAULEY, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
JOHN WHITEHEAD, *Superintendent.*

HINDSON COAL COMPANY.

(Successors to the Dunglen Coal Company.)

THURMOND.

(General Offices, Dunglen, W. Va.)

No. 904. *Dunglen Nos. 1 and 2.*—These are drift openings, located at Dunglen on the Loop Creek Branch of the C. & O. Railway, operating the Sewell Seam, with a thickness of 4 feet, 3 inches. Roof not good. All the roadways in this mine are damp. Mining by pick miners. Natural ventilation, no fan or furnace.

J. F. HINDSON, *Superintendent and Mine Foreman.*

LAURA MINING COMPANY.

RED STAR.

(General Offices, Glen Jean, W. Va.)

No. 905. ***Laura Mine.***—This is a drift opening, located at Red Star, on the Loop Creek Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, with an average thickness of coal 4 feet. Roof good. The workings of this mine full on the retreat. Haulage by main and tail rope and mules. Mine ventilated by 12-foot Force Fan.

THOMAS NICHOLS, *Manager.* A. L. NELSON, *Superintendent and Mine Foreman.*

LONG BRANCH COAL COMPANY.

LONG BRANCH.

No. 906. *Long Branch.*—This is a drift openings, located at Long Branch on the Virginian Rail Road, operating the Peerless seam, with an average thickness of 5 feet, 9 inches. Roof good. Coal is mined by pick miners. Inside haulage by mules, from parting to the outside by gasoline motors. Length of incline 2000 feet. Distance from bottom of incline to tipple 4,100 feet. The mine is ventilated by an 8-foot exhaust fan, driven by a gasoline engine. Daily tonnage 600 tons.

L. GRANEY, *Genl. Manager.* JOHN WARREN, *Mine Foreman.*

MACDONALD COLLIERY COMPANY.

MACDONALD.

No. 907. *Macdonald Mine.*—This is a drift opening, located at Macdonald, on the Loop Creek Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, double entry system. Thickness of vein, 4 feet, 5 inches, with a roof in some places bad, requiring careful timbering. The ventilation is not good. The drainage on straight main entry and on the left of main is not good. Coal is mined by pick and machine miners. Haulage by electric locomotives and mules. Ventilation is produced by a 5 foot fan, electrically driven. Daily tonnage, 400 tons.

S. A. SCOTT, *Genl. Manager.* J. B. WATSON, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
JOHN PORTER, *Superintendent.*

McKELL COAL & COKE COMPANY.

DERRYHALE.

(General Offices, Glen Jean, W. Va.)

No. 908. *Derryhale.*—This is a drift opening located at Derryhale, on the K. G. J. & E. Railway, operating the Sewell seam, which has an average thickness of 4 feet 6 inches. Roof in sections not good, requiring careful posting. Mining done by pick miners and coal cutting machines.

The workings of this mine are chiefly pillar robbing. Haulage by electric locomotives and mules. Ventilation by an 8-foot Thayer fan, exhausting.

THOMAS NICHOLS, *Genl. Manager.* WM. COCHRANE, *Mine Foreman.*
JOHN M. HASTINGS, *Superintendent.*

McKELL COAL & COKE COMPANY.

KILSYTH.

(General Offices, Glen Jean, W. Va.)

No. 909. *Kilsyth Nos. 1 and 2.*—These are drift openings located at Kilsyth, on the K. G. J. & E. Railway, operating the Sewell seam on the triple and double entry system. Thickness of seam, 4 feet 6 inches. Roof not good in sections. Drainage moderately good. Mining is done by pick and machine miners. Haulage by electric locomotives and mules. No. 1 Mine is ventilated by a 12-foot exhaust fan, and No. 2 Mine by a 3-foot exhaust fan, electrically driven.

THOMAS NICHOLS, *Genl. Manager.* THOMAS MORGAN, *Mine Foreman.*
H. H. O. NEAL, *Superintendent.*

MEADOW FORK COAL COMPANY.

NEWLYN.

No. 910. *Meadow Fork.*—This is a drift opening, located at Meadow Fork on the Loop Creek Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, with an average thickness of 4 feet. Roof bad, full of slips. Soft clay bottom. Drainage moderately good. Mining is done by pick miners. Haulage by mules and Steam Locomotive. Length of incline 850 feet. Ventilation is produced by furnace.

EDWARD THOMAS, *Manager.* HOUGE MEADOWS, *Mine Foreman.*

MOUNT HOPE COAL & COKE COMPANY.

MOUNT HOPE.

No. 911. *Baby.*—This is a drift opening, located at Mount Hope, operating the Sewell Seam, double entry system. Thickness of coal 5 feet. Roof bad. The workings of this mine have broken into the old workings of Sugar Creek No. 2. Mining is done by pick miners. Inside haulage by mules. Drainage in this mine not good.

Ventilation is produced by a 6-foot fan, exhausting steam driven.

A. D. MOSLEY, *Superintendent.* K. M. PRICE, *Mine Foreman.*

NEWLYN COAL COMPANY.

NEWLYN.

No. 912. *Newlyn.*—This is a drift openings, located at Newlyn, 1 mile South of Thurmond, on the Loop Creek Branch of the Chesapeake & Ohio Railway, operating the Fire Creek seam, on the double entry system. Average thickness of seam, 2 feet, 6 inches. Roof and drainage is generally good. Mining by pick miners only.

Haulage by mules and Storage Battery Locomotive. Ventilation produced by a 5-foot Stine Disc Fan, driven by gasoline engine. Length of incline, 700 feet. Elevation from side track, 400 feet; from monitor landing, 340 feet.

EDWARD THOMAS, *Manager.*
JAMES H. BOYD, *Eng. and Superintendent.*
H. P. THOMAS, *Mine Foreman.*

NEW RIVER COLLIERIES COMPANY.

SUN.

(General Offices, 120 Broadway, New York.)

No. 913. *Sun Nos. 1, 2 and 3.*—Shaft and slope mines located at Sun, on the Loop Creek Branch of the C. & O. Rail Road, operating the Sewell Seam, on the double entry system. Average thickness of coal 4 feet 6 inches. These are gaseous mines. Roof bad in some places, requiring careful timbering. Mining is done by pick and machine miners. Haulage by electricity and mules. Drainage by pumps. Shot firers are employed. Edison electric safety lamps are used. Ventilation is produced by a 12-foot force fan and one 18-foot exhaust fan. Daily tonnage 1750 tons. Depth of No. 2 shaft 150 feet, which has been lined with cement from top to bottom of shaft during the year.

F. P. BAYLES, *Genl. Manager.*
M. E. KENT, *Genl. Superintendent.*
THOS. MACKEY, *Mine Foreman.*
W. A. MILLS, *Mine Foreman.*
WM. COPE, *Fire Boss.*
ROBERT LAMBIE, *Fire Boss.*
JOSEPH SLOAN, *Fire Boss.*
FRED ROBERTS, *Fire Boss.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

PAX.

(General Offices, National City Bank Building, Charleston.)

No. 914. *Weirwood.*—This is a shaft mine, located at Pax, on the Virginian Railroad, operating the Sewell Seam on the triple and double entry system. Thickness of vein 3 feet 6. Taking the general character of the roof throughout the mine, it is not good. This is a gaseous mine, liberating freely in sections. Depth of shaft 340 feet, size 24′ x 11′ 6″, wood guides, steel buntings, concreted from top to bottom. Coal is mined by machines. Haulage by Electric Locomotives. Ventilation produced by a 10-foot fan, exhausting, electrically driven.

H. M. BERTOTET, *Genl. Superintendent.*
JOHN CLAPPERTON, *Superintendent.*
JOHN LINDLEY, *Genl. Foreman.*
JOHN QUIGLEY, *Mine Foreman.*
E. O. PATTERSON, *Fire Boss.*
WILLIAM GREY, *Fire Boss.*
FRANK WILLIAMS, *Fire Boss.*

NICHOL COLLIERY COMPANY.

GLEN JEAN.

No. 915. *Nichol.*—This is a drift opening located at Glen Jean, on the Loop Creek Branch of the C. & O. Rail Road, and K. G. J. & E. Rail Road, operating the Sewell Seam, with an average thickness of 4 feet 6 inches. Roof not good in sections,—heavy draw slate. Moderate drainage. This is a gaseous mine, but the ventilation is well looked after and conducted to the working faces. Mining is done by pick and machine miners. Haulage by electric gathering and main locomotives. Mine ventilated by a 10-foot exhaust fan.

THOS. NICHOLS, *Manager.*
STANLEY SPOOR, *Superintendent.*
THOS. MASON, *Mine Foreman.*
THOS. WALKER, *Fire Boss.*

PRUDENCE COAL COMPANY.

PRUDENCE.

(General Offices, Macdonald, W. Va.)

No. 916. *Jones Nos. 1, 2 and 3.*—These are drift openings, located at Prudence, Branch line off the Loop Creek Branch of the C. & O. Rail Road, operating the Sewell Seam, on the double entry system, and has an average thickness of 4 feet, 9 inches. Roof bad. Drainage not good. Mining is done by pick miners only. Haulage by electric locomotives and mules. No. 1 and 2 ventilated by a 6-foot fan, electrically driven. No. 3 mine ventilated by furnace. The workings of No. 3 will be connected up with No. 1 and 2 in the near future.

S. A. SCOTT, *Genl. Manager.* J. H. DAVIES, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
JOHN WHITEHEAD, *Superintendent.*

PRUDENCE COAL COMPANY.

PRUDENCE.

(General Offices, Macdonald, W. Va.)

No. 917. *Prudence A, B and C.*—These are a series of drift openings, located at Prudence, on the branch line of the Loop Creek Branch of the C. & O. Railway, operating the Sewell Seam, which has a thickness of 4 feet 8 inches. Roof not good in sections. The working of this mine is done by contractor. Haulage by mules and electric locomotive. Ventilation natural. Drainage not good on B main entry.

S. A. SCOTT, *Genl. Manager.* J. H. DAVIES, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
JOHN WHITEHEAD, *Superintendent.*

PRUDENCE COAL COMPANY.

PRUDENCE.

(General Offices, Macdonald, W. Va.)

No. 918. *Lyman Nos. 1, 2 and 3.*—These are a series of drift openings, located at Prudence, on the branch line of the Loop Creek Branch of the C. & O. Rail Road, operating the Sewell Seam, which has a thickness of 4 feet. Roof not good. Drainage only moderate. Mining is done by pick and machine miners. Haulage by electric locomotives and mules. No. 1 and 2 mines ventilated by a 10-foot exhaust fan. No. 3 mine newly started natural ventilation.

S. A. SCOTT, *Genl. Manager.* J. H. DAVIES, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
JOHN WHITEHEAD, *Superintendent.*

STAR COAL & COKE COMPANY.

RED STAR.

No. 919. *Star.*—This is a drift opening, located at Red Star, on the Loop Creek Branch of the C. & O. Railway, operating the Sewell Seam, double entry system. Average thickness of seam 4 feet 6 inches. Roof bad in some sections requiring careful timbering. This is a gaseous mine. Haulage by main and tail rope from drift mouth to inside parting and by locomotives. Coal is mined by pick and machine miners. Drainage by pumps. Ventilation produced by a 12-foot Capel exhaust fan.

GEORGE JONES, *Manager.* PETE EVANDOLL, *Mine Foreman.*
DAVIS EVANDOLL, *Superintendent.* M. E. STOKES, *Fire Boss.*
THOS. HOWE, *Fire Boss.*

SUGAR CREEK COAL & COKE COMPANY.

MOUNT HOPE.

No. 920. *Sugar Creek Nos 1 and 2.*—These are drift openings located at Mount Hope on the Loop Creek Branch of the C. & O. Railway, operating the Sewell Seam. Workings in No. 1 mine principally on the retreat. Average thickness of vein 5 feet. Roof moderately good. Mining is done by pick miners. Daily tonnage 170 tons. Haulage by main and tail rope and mules. Drainage good. Ventilation produced by a 7-foot exhaust fan, electrically driven. No. 2 mine, thickness of coal 5 feet, 6 inches. Bad roof. Mining by pick miners. Daily tonnage 150 tons.

Main and tail rope haulage and mules. Coal dumped at No. 1 tipple along with No. 1 mine. Ventilation produced by a 5-foot exhaust fan, electrically driven.

ENOCH SMITH, *President and Manager.*

ALLEN HOFFER, *Mine Foreman.*
C. H. JONES, *Asst. Mine Foreman.*

STUART COLLIERY COMPANY.

LOCHGELLY.

(General Offices, Macdonald, W. Va.)

No. 921. *Lochgelly.*—This is a shaft mine, located at Lochgelly, on the White Oak Branch of the C. & O. R. R., and Virginian R. R., operating the Sewell Seam. Double entry system. Average thickness of coal 4 feet. This mine is a gaseous mine, and a little dry and dusty in parts. Drainage good on all working roads. Miners use lard oil and carbide lamps. Mining is done by machine and pick miners. Haulage by electric locomotives. Ventilation by 18 x 7′ 6″ fan, exhausting. Depth of shaft 575 feet.

S. A. SCOTT, *Genl. Manager.*
P. C. THOMAS, *Asst. Genl. Manager.*
JAS. L. OSLER, *Superintendent.*

THOS. WILDING, *Mine Foreman.*
EDWARD SAUNDERS, *Fire Boss.*
B. WAKEFIELD, *Fire Boss.*

STUART COLLIERY COMPANY.

SUMMERLEE.

(General Offices, Macdonald, W. Va.)

No. 922. *Summerlee.*—This is a shaft mine located at Summerlee, on the White Oak Branch of the Virginian R. R., operating the Sewell Seam, which has a thickness of 4 feet 11 inches. Roof not good, requiring careful timbering. This is a gaseous mine, liberating gas freely in sections, and requires the air current or ventilation to be kept close up to the face at all times. It is also dry and dusty. Water pipes and spray lines are laid along all entries and rooms to water them down. Mining is done by machine and pick miners. Haulage by electric locomotives. Depth of shaft 669 feet. Mine ventilated by an 18-foot Capel fan, exhausting.

S. A. SCOTT, *Genl. Manager.*
P. C. THOMAS, *Asst. Genl. Manager.*
JAS. L. OSLER, *Superintendent.*

R. J. WOOD, *Mine Foreman.*
GEORGE EARY, *Fire Boss.*
JAMES POWELL, *Fire Boss.*
CHAS. LOHMAN, *Fire Boss.*

TURKEY KNOB COAL & COKE COMPANY.

MACDONALD.

No. 923. *Turkey Knob.*—This is a drift opening located at Turkey Knob, on the Loop Creek Branch of the C. & O. railroad, operating the Sewell seam, on the double entry system. Average thickness of coal 5 feet. Roof bad in places, requiring careful timbering. Drainage good throughout. Mining practically all done by pick miners. Haulage by electric locomotives and mules. Voltage on electric wires 500 volts. There are 100 coke ovens connected with this operation about 72 being in blast. Daily tonnage 500 tons. Mine ventilated by a 12-foot force fan, giving fair results.

J. E. BEURY, *Manager.*
J. G. THAYER, *Superintendent.*

J. L. HUFFMAN, *Mine Foreman.*

TURKEY KNOB COAL & COKE COMPANY.

MACDONALD.

No. 923½. *Hickory Branch Nos. 1, 2 & 3.*—Located at Mill Creek, operating the Sewell seam, on the double entry system. Average thickness of coal 5 feet. Fairly good roof. Mining is done by pick miners. The workings of these mines connected with each other. Inside haulage by mules. The coal from these openings is taken through Turkey Knob Mine and dumped with the coal from that mine. Ventilation is produced by a 6-foot fan,, electrically driven.

J. E. BEURY, *Manager.*	A. R. JONES, *Mine Foreman.*
J. G. THAYER, *Superintendent.*	

WHITE OAK FUEL COMPANY.

WHIPPLE.

(General Offices, Macdonald, W. Va.)

No. 924. *Whipple.*—This is a shaft mine, located at Whipple, on the White Oak Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, which has a thickness of 4 feet 4 inches. Roof good. Ventilation, produced by a 16-foot fan, is not good, bratticing not being kept up to the working faces. This is a gaseous mine and requires every attention as to ventilation. Mining is done by pick and machine miners. Haulage, by electric locomotives and mules. Moderate drainage. Daily tonnage, 450 tons.

S. A. SCOTT, *General Manager.*	OWEN FITZPATRICK, *Mine Foreman.*
P. C. THOMAS, *Assistant General Manager*	W. J. SCOTT, *Fire Boss.*
WM. S. NEEL, *Superintendent.*	JOHN ROSTRUM, *Fire Boss.*

WHITE OAK FUEL COMPANY.

CARLISLE.

(General Offices, Macdonald, W. Va.)

No. 925. *Carlisle.*—This is a shaft mine, located at Carlisle, on the White Oak Branch of the C. & O. railroad, operating the Sewell seam, on the triple and double entry system. It is a gaseous mine. On the morning of the 6th day of February, 1915, an explosion occurred by an accumulation of gas being ignited in No. 11 room off 5th left off No. 3 right main entry. This was due to the carelessness and neglect of the two fire bosses, whose duties were to examine and see that the mine was in a safe working condition, which they failed to do. This explosion caused the loss of twenty-one lives. Mining is done by pick miners. Haulage by mules and electric locomotives. Average thickness of coal three feet nine inches. Roof not good on the dip section of the mine. Drainage moderately good. Bratticing not good in many of the places. Depth of shaft 500 feet. Ventilation produced by 9-foot exhaust fan.

S. A. SCOTT, *General Manager.*	OWEN FITZPATRICK, *Mine Foreman.*
P. C. THOMAS, *Assistant General Manager.*	ROBERT WILTSHIRE, *Fire Boss.*
JOHN BLACK, *Superintendent.*	WM. STEWART, *Fire Bass.*
	WM. MCELRATH, *Fire Bass.*

WHITE OAK FUEL COMPANY.

SCARBRO.

(General Offices, Macdonald, W. Va.)

No. 926. *Scarbro & Wingrove.*—These are shaft mines, located at Scarbro, on the White Oak Branch of the C. & O. railroad, operating the Sewell seam, on the double entry system. Average thickness of coal 4 feet 6 inches. Roof in the Wingrove section not good. During the year coal has been hoisted up both shafts but is now all coming up the Scarbro shaft. These are gaseous mines. Mining by pick and machine miners. Daily tonnage 850 tons. Haulage by electric locomotives and mules. Drainage not good. Lard oil and carbide lamps are used by the employees. Ventilation is produced by a 9x5 foot fan, electrically driven.

S. A. SCOTT, *General Manager.*	EMMETT LIVELY, *Mine Foreman.*
P. C. THOMAS, *Assistant General Manager*	J. P. EVANS, *Fire Boss.*
JAS. RONCAGLIONE, *Superintendent.*	WM. HERRON, *Fire Boss.*
	JOHN HERRINGTON, *Fire Boss.*

WILLIS BRANCH COAL COMPANY.

HERBERTON.

No. 927. *Willis Branch, Nos. 2 & 3.*—These are drift openings, located at Herberton, on the main line of the Virginian railroad, operating the Peerless seam on the double entry system. Average thickness of vein, 6 feet. Good roof. Mining is done by pick miners. Inside haulage by mules. Outside haulage to incline parting by gasoline locomotive. Length of incline 2434 feet. These mines ventilated by furnaces.

T. K. LAING, *Manager.* JOE MULLIGAN, *Mine Foreman.*

RALEIGH COUNTY.

BECKLEY COAL & COKE COMPANY.

WICKHAM.

(General Offices, Macdonald.)

No. 928. *Beckley.*—This mine is a slope mine, located at Wickham, on the Piney Branch of the C. & O. Railway, operating the Sewell seam, on the double entry system. Average thickness of coal 4 feet 2 inches. Roof is generally good. Mining is done by pick and machine miners. Daily tonnage 600 tons. Haulage by electric locomotives. Drainage in sections not good. Ventilation is produced by a 12-foot force fan.

S. A. SCOTT, *General Manager.* A. B. REECE, *Mine Foreman.*
P. C. THOMAS, *Assistant General Manager.* J. A. DAVIS, *Fire Boss.*
W. E. GRIFFITHS, *Superintendent.*

BOWER COAL COMPANY.

MABSCOTT.

No. 929. *Bower.*—This is a drift mine opening, located at Mabscott, operating the Sewell seam, which has a thickness of 4 feet. Roof not good. The workings of this mine are broken into the old workings of Mabscott No. 1 of the Mabscott Coal & Coke Company. Haulage by mules. Ventilation is produced by the Mabscott No. 1 force and exhaust fans. This mine has not been working for the past two months on account of the dullness of the times.

M. S. BOWER, *Manager.* H. R. WALKER, *Mine Foreman.*

BLUE JAY COAL & LUMBER COMPANY.

GLEN MORGAN.

(General Offices, Blue Jay.)

No. 930. *Blue Jay.*—These are a series of openings, located at Dugout, on the Piney Branch of the C. & O. Rail Road, operating the Beckley Seam, which has an average thickness of 3 feet 6 inches. Bad roof. The workings of these openings are next to the outcrop, all on the retreat. Haulage by mules. Natural ventilation. Daily tonnage about 50 tons. Mining is done by pick miners.

P. C. LYNCH, *Manager.* B. B. GILKINSON, *Mine Foreman.*

CITY COAL COMPANY.

BECKLEY.

No. 931. *Combs.*—This is a drift opening located at Beckley, on the P. R. & P. C. R. R., operating the Sewell seam, double entry system. Thickness of coal, 3 feet 2 inches. Roof bad, requiring careful timbering. Drainage moderately good. This mine is damp throughout. Average daily tonnage, 60 tons. Ventilation produced by furnace.

B. H. WHITE, *Superintendent and*
Mine Foreman.

CRANBERRY FUEL COMPANY.

CRANBERRY.

(General Offices, Macdonald, W. Va.)

No. 932. *Cranberry & Prosperity.*—These are shaft mines located at Cranberry, six miles from Beckley, on the P. R. & P. C. R. R., Branch line of the Chesapeake & Ohio Railway, at Beckley Junction, operating the Sewell Seam, on the double entry system. They are gaseous mines. Average thickness of coal 4 feet 6 inches. Bad roof, requiring careful posting. Mining is done by pick and machine miners. Haulage by electric locomotives. Daily tonnage, 500 tons. Ventilation produced by a 9-foot Jeffrey Electric fan, exhausting. Depth of shaft 461 feet. Depth of Prosperity shaft, 488 feet.

S. A. SCOTT, *Genl. Manager.* JOHN MALLABONE, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.* ROBERT FOSTER, *Fire Boss.*
A. H. SHAFER, *Superintendent.* MALVIN BROWN, *Fire Boss.*

CRANBERRY FUEL COMPANY.

SPRAGUE.

(General Offices, Macdonald, W. Va.)

No. 933. *Sprague.*—This is a slope mine, located at Sprague on the P. R. & P. C. Railway, operating the Sewell Seam, on the double entry system. Thickness of vein 3 feet 6 inches. Roof not good, full of slips. Drainage only moderate. Some of the working places on 8th left are dry and dusty, requiring watering. Mining is done by pick and machine miners. Daily tonnage 500 tons. Haulage by electric locomotives and mules, from the inside parting to tipple by main rope. Ventilation by 9 x 4 fan, exhausting, electrically driven.

S. A. SCOTT, *Genl. Manager.* JOHN BURNS, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
W. E. GRIFFITHS, *Superintendent.*

LILLY MINING COMPANY.

GLEN MORGAN.

No. 934. *Whorley Nos. 1 and 2.*—These are drift openings, located at Whorley, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, with an average thickness of 5 feet. Roof moderately good. Mining by pick miners only. Haulage by mules in both mines. No. 1 Mine ventilation natural, and is about worked out. No. 2 Mine ventilation produced by furnace.

C. L. LILLY, *Manager.* D. F. JOHNSON, *Mine Foreman.*
W. M. HACKWORTH, *Superintendent.*

MABSCOTT COAL & COKE COMPANY.

MABSCOTT.

(General Offices, Macdonald.)

No. 935. *Mabscott Nos. 1 and 2.*—These are drift openings located at Mabscott, 16 miles west of Prince, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Sewell seam, double entry system. Thickness of coal, 4 feet, 4 inches. Roof bad, being heavy draw slate that needs close attention to posting at the working faces. Mining is done by pick miners. Average tonnage 450 tons. Haulage by mules and electric locomotive. Ventilation produced by two fans, force and exhausting.

S. A. SCOTT, *Genl. Manager.* O. I. JENKINS, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl. Manager.*
W. E. GRIFFITHS, *Superintendent.*

McKELL COAL & COKE COMPANY.

OSWALD.

(General Offices, Glen Jean.)

No. 936. *Graham Nos. 1 and 2.*—These are drift openings located at Graham, on the K. G. J. & E. Railway, operating the Sewell seam, which has a thickness of 4 feet. Roof bad. During the year most of the coal mined has been dumped along with the coal at Tamroy No. 1 and 2 Tipple. Mining is done by pick and machine miners. Haulage by mules and electric locomotives. Ventilation by a 9-foot Capel fan, electrically driven.

THOMAS NICHOLS, *Genl. Manager.* G. C. STONE, *Mine Foreman.*
C. G. WOODS, *Superintendent.*

McKELL COAL & COKE COMPANY.

OSWALD.

No. 937. *Oswald Nos. 1, 2, 3 and 4.*—These are a series of drift openings located at Oswald, on the K. G. J. & Eastern Railway, operating the Sewell seam, which has an average thickness of 3 feet 9 inches. Roof bad in places, requiring careful timbering. Drainage good. No. 1 and 2 mines ventilated by an 11-foot 6 Capel fan. No. 3 and 4 mines by a 3-foot fan, electrically driven. The coal from these mines is dumped at the No. 1 tipple.

THOMAS NICHOLS, *Genl. Manager.* W. D. KNIGHT, *Mine Foreman.*
N. R. BALLARD, *Superintendent.*

McKELL COAL & COKE COMPANY.

TAMROY.

No. 938. *Tamroy Nos. 1 and 2.*—These are drift openings, located at Tamroy, on the K. G. J. & E. Railway, operating the Sewell seam, triple and double entry system. Average thickness of coal in both seams is about 4 feet 6 inches. Roof bad. Mining is done by pick and machine miners. Haulage by electric locomotives. Drainage good. Ventilation is produced in No. 1 Mine by a 12-foot exhaust fan, electrically driven, and in No. 2 Mine by a 3-foot electric fan, exhausting, giving good results. The coal from these mines is dumped at the No. 1 tipple.

THOMAS NICHOLS, *Genl. Manager.* I. J. WOOD, *Mine Foreman.*
C. G. WOOD, *Superintendent.*

NEW RIVER COLLIERIES COMPANY.

ECCLES.

(General Offices, 120 Broadway, New York.)

No. 939. *Eccles No. 3 and 4.*—These are shaft mines, located at Eccles, on the main line of the Virginian Railway, operating the Beckley Seam, double and triple entry system. Average thickness of seam 7 feet 6 inches. Roof in general not good. These are gaseous mines, liberating gas freely both from face of coal and bottom. The main intake air since last annual report has been much enlarged. Mining is done by pick and machine miners. Average daily tonnage 1000 tons. Haulage by electric locomotives. Ventilation produced by 17 foot Capel force fan.

F. P. BAYLES, *Asst. Genl. Manager.* O. G. KEPHART, *Mine Foreman.*
M. E. KENT, *Superintendent.* THOS. SELKIRK, *Fire Boss.*
THOS. DONALSON, *Asst. Supt.* ARTHUR BARRETT, *Fire Boss.*

NEW RIVER COLLIERIES COMPANY.

ECCLES.

(General Offices, 120 Broadway, New York.)

No. 940. *Eccles No. 5.*—This is a shaft mine, located at Eccles, on the Virginian Rail Road, operating the Beckley Seam, triple and double entry system. Average thickness of coal 7 feet, 6 inches. Roof bad in places, requiring careful posting. This is a gaseous mine, liberating gas freely in most of the working places. Electric safety lamps are used by all the employees inside the mine. Mining is done by pick and machine miners. Haulage by electric locomotives. Daily tonnage 1500 tons. Drainage by electric pumps. Ventilation produced by 18′ x 7′ 6″ force fan, steam driven.

F. P. BAYLES, *Genl. Manager.*
M. E. KENT, *Genl. Supt.*
THOS. DONALSON, *Superintendent.*
WILLIAM NICHOLSON, *Mine Foreman.*
J. E. PHILIPS, *Fire Boss.*
S. SELKIRK, *Fire Boss.*

NEW RIVER COLLIERIES COMPANY.

ECCLES.

(General Offices, 120 Broadway, New York.)

No. 941. *Eccles No. 6.*—This is a shaft mine located at Eccles, on the Virginian Rail Road, operating the Sewell Seam on the double entry system. Thickness of coal 4 feet, 6 inches. Roof not good. Mining done by pick miners. Haulage by electric locomotives. Drainage moderately good. During the year a new air and escape shaft has been sunk, the depth of which is 245 feet, with a pair of hoisting engines; also new fan, which produces the ventilation. Daily tonnage 325 tons.

F. P. BAYLES, *Genl. Manager.*
M. E. KENT, *Genl. Supt.*
THOS. DONALSON, *Superintendent.*
A. C. WILLIAMS, *Mine Foreman.*
JOE PINDUR, *Fire Boss.*

PEMBERTON FUEL COMPANY.

PEMBERTON.

No. 942. *Pemberton Fuel.*—This is a drift opening, located at Pemberton, on Soak Creek Branch line off the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, double entry system. Thickness of vein, 4 feet. Good roof. Mining is done by pick miners. Coal cutting machines have been ordered by the Company. Drainage good. Ventilation produced by four foot fan, electrically driven.

PRINCE E. LILLY, *Manager.*
FRANK BEARD, *Mine Foreman.*

PEMBERTON COAL & COKE COMPANY.

AFFINITY.

No. 943. *Affinity.*—This is a slope and shaft mine, located at Affinity, on the Winding Gulf Branch of the Virginian Railway, operating the Beckley seam, double entry system. Average thickness of seam, 3 feet 10 inches. Roof not good, requiring careful posting. Mining done chiefly by machine miners. Daily tonnage, 500 tons. Haulage by electric locomotives. Drainage by two steam pumps and four electric pumps. Ventilation produced by a 10-foot Jeffrey Force fan.

W. A. PHILLIPS, *Genl. Manager.*
G. A. HINTERLEITNER, *Superintendent.*
FRED MILLER, *Mine Foreman.*

PINEY MINING COMPANY.

STANAFORD.

(General Offices, Athens, Ohio.)

No. 944. *Piney Nos. 1 and 2.*—These are drift openings located at Stanaford, six miles above Prince, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, on the double entry systems. Average thickness of coal, 4 feet 8 inches. This is a gaseous mine, generating from coal and bottom of floor, and is dry and dusty in sections which requires it to be watered down frequently. Mining is done by pick and machine miners. Haulage by mules and electric locomotives. Drainage in general good. Roof good. Ventilated by 8-foot Sirroco Fan, electrically driven. Length of monitor incline to tipple, 1200 feet.

JAMES STIRRAT, *Manager.*
C. M. BINFORD, *Engineer and Superintendent.*
M. P. CAMPBELL, *Mine Foreman.*
BEN GUYE, *Fire Boss.*
L. L. BARRETT, *Fire Boss.*

PINEY MINING COMPANY.

STANAFORD.

(General Offices. Athens, Ohio)

No. 945. *Piney No. 4.*—This is a drift opening, located at Knob Branch, on the Piney Branch of the Chesapeake & Ohio Railway, 7¾ miles above Prince, operating the Beckley seam, on the double entry system. Average thickness of coal, 4 feet. Mining is done by pick miners. Roof good. Drainage good. Haulage by mules and electric locomotives. Ventilation produced by a 10-foot Sirroco Fan, driven by electric motor. Incline 1800 feet long to tipple.

JAMES STIRRAT, *Manager.* FRANK MCLAIN, *Mine Foreman.*
C. M. BINFORD, *Engineer and Superintendent.*

PINEY MINING COMPANY.

RILEY.

(General Offices. Athens. Ohio)

No. 946. *Piney No. 3.*—This is a drift opening, located at Riley, five miles northeast of Beckley, operating the Beckley seam, on the double entry system. Average thickness of vein 4 feet 5 inches. Roof not good, and full of slips. Moderate drainage. Haulage by mules and electric locomotives, and from the outside parting to monitor incline by a 16-ton Porter Steam Locomotive. Length of incline, 800 feet. Mining is done by pick miners. Safety powder used exclusively. Ventilation is produced by an 8-foot Thayer Fan, electrically driven.

JAMES STIRRAT, *Manager.* W. D. CRICKMER, *Mine Foreman.*
C. M. BINFORD, *Engineer and Superintendent.*

RALEIGH COAL & COKE COMPANY.

RALEIGH.

No. 947. *Raleigh Nos. 1 and 4.*—These are drift openings, located at Raleigh, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, on the triple and double entry system. Average thickness of coal, 4 feet 6 inches. Roof good. Mining is done by machine and pick miners. Haulage by electric locomotives and mules. Drainage by electric pumps. Ventilation is produced by a 12-foot Jeffrey Force fan, electrically driven. The coal from these mines is dumped at one tipple. Daily tonnage, 400 tons. No. 4 Mine ventilated by 6 foot fan, electrically driven.

ERNEST CHILSON, *Genl. Manager.* TERRENCE CONWAY, *Mine Foreman.*
J. P. WHITE, *Superintendent.*

RALEIGH COAL & COKE COMPANY.

RALEIGH.

No. 948. *Raleigh, No. 3 and No. 3 1/2.*—These are drift openings located at Raleigh, on the Piney Branch of the C. & O. Rail Road, operating the Beckley Seam, which has a thickness of 4 feet 4 inches. Roof bad in places, requiring careful timbering. Mining is done by pick and machine miners. Haulage by electric locomotives. Drainage by electric pumps. Daily tonnage 900 tons. No. 3 Mine is ventilated by a 12-foot Jeffrey force fan. The workings of No. 3½ are connected with the old workings of No. 3. The ventilation of No. 3½ is practically natural. The coal from these openings is dumped at one tipple.

ERNEST CHILSON, *Genl. Manager.* ED. VACHERESSE, *Mine Foreman.*
J. P. WHITE, *Superintendent.*

RALEIGH COAL & COKE COMPANY.

MABSCOTT.

(General Offices, Raleigh, W. Va.)

No. 949. *Raleigh No. 5.*—This is a drift opening, located at Mabscott, on the Piney Branch of the C. & O. Railroad, operating the Sewell Seam, which has an average thickness of 3 feet. Roof not good. Mining is done by pick miners. Drainage good. Haulage by mules. Ventilation is produced by a 5-foot electric force fan.

ERNEST CHILSON, *Genl. Manager.* D. J. DAVIES, *Mine Foreman.*
J. P. WHITE, *Superintendent.*

RALEIGH COAL & COKE COMPANY.

RALEIGH.

No. 950. *Raleigh No. 6.*—This is a drift mine, with a series of openings located at Raleigh, on Piney Creek Branch line off the Piney Branch of the C. & O. Railway, operating the Beckley Seam, on the double entry system. Average thickness of seam 4 feet 8 inches. Roof moderately good. Mining is done by pick and machine miners. Haulage by electric locomotives. Drainage is not good in parts of the mine, and some of the working places are dry and dusty and requires careful attention. Ventilation is produced by two 8-foot force fans, steam driven.

ERNEST CHILSON, *Genl. Manager.* F. R. CLARK, *Mine Foreman.*
J. P. WHITE, *Superintendent.*

ROYAL COAL COMPANY.

ROYAL.

No. 951. *Royal.*—This is a series of drift openings located at Royal, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Fire Creek seam, which has an average thickness of 2 feet 5 inches. Roof and timbering good. It is dry and dusty in sections and requires watering down frequently. Haulage by electric locomotive and mules. Daily tonnage 150 tons. Coal is run from drift openings by monitor incline, 2,000 feet long. Ventilation is produced by an 8-foot fan, electrically driven.

E. E. HUDDLESTON, *Manager.* CHARLES CHAMBERS, *Mine Foreman.*

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 952. *Slab Fork No. 2.*—This is a drift opening located at Slab Fork, on the Virginian Railway, operating the Beckley seam, double entry system. Thickness of vein, three feet eight inches. Roof good. This is a gaseous mine, and is also dry and dusty in sections. Mining is done by pick miners. Haulage by electric locomotives. Daily tonnage, 200 tons. Ventilation is produced by an 8-foot fan, electrically driven.

W. G. CAPERTON, *General Manager.* H. R. NEAL, *Mine Foreman.*
W. M. WARWICK, *Superintendent.* WM. WATTIS, *Fire Boss.*

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 953. *Slab Fork No. 3.*—This is a drift opening located at Slab Fork, on the Virginian Railway, operating the Beckley seam, which has an average thickness of 4 feet 6 inches. Double entry system. Roof is good. Have detected gas feeders giving off from the bottom. Mining is done by pick and machine miners. Haulage by locomotives. Drainage by two electric pumps. Daily tonnage, 600 tons. Ventilation is produced by three fans, electrically driven.. A new fan is being installed to do away with the above fans, which will give better and more satisfactory results.

W. G. CAPERTON, *General Manager.* FRED WEBB, *Mine Foreman.*
W. M. WARWICK, *Superintendent.* WM. WATTIS, *Fire Boss.*

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 954. *Slab Fork No. 5.*—This is a drift opening, located at Slab Fork, on the main line of the Virginian Railway, operating the Beckley seam, double entry system. Thickness of vein averages 3 feet 10 inches. Roof is not good, requires close posting. Parts of the mine are dry and dusty and requires careful attention. Mining is done by pick and machine miners. Haulage by mules and electric locomotives. Drainage good on all working roads. Ventilation is produced by 8-foot fan, electrically driven. Fan house and sides of fan constructed of non-combustible material.

W. G. CAPERTON, *General Manager.* JOHN SWEENY, *Mine Foreman.*
W. M. WARWICK, *Superintendent.*

STONEWALL COAL & COKE COMPANY.

TERRY.

No. 955. *Terry Nos. 3 & 4.*—These are drift openings, located at Terry Branch off the Piney Branch of the C. & O. railroad, at Terry Junction, operating the Fire Creek seam, which has a thickness of three feet six inches in No. 3, and 3 feet in No. 4 mine. Roof in both mines good. No. 3 mine liberates gas, but have not detected in No. 4 mine. Drainage good on all working roads. Mining done by pick miners. Haulage by electric locomotives and mules. Ventilation is produced by fans. Length of incline to tipple 1350 feet.

W. S. WOOD, *General Manager.* T. E. LITTLEJOHN, *Mine Foreman.*
M. W. MURPHY, *Superintendent.* JOS. TOSKEY, *Fire Boss.*

SULLIVAN COAL & COKE COMPANY.

SULLIVAN.

No. 956. *South Sullivan No. 4.*—This is a drift opening located at Sullivan, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, which has an average thickness of 4 feet. The workings of this mine are all on the retreat. Mining is done by pick miners. Haulage by electric locomotive. Ventilation by an 8-foot fan, exhausting, electrically driven.

J. A. WOOD, JR., *Superintendent.* LAWRENCE WILEY, *Mine Foreman.*

SULLIVAN COAL & COKE COMPANY.

SULLIVAN.

No. 957. *Main North.*—This mine has a series of drift openings, located at Sullivan on the north side of Takein Branch, operating the Beckley seam, on the double entry system. Average thickness of coal, 4 feet 6 inches. Roof bad in places requiring careful timbering. Mining is done by pick miners. Haulage by electric locomotives. Ventilation is produced by two fans, one 4 feet and one 6 feet, both exhausting.

J. A. WOOD, JR., *Superintendent.* LAWRENCE, WILEY, *Mine Foreman.*

E. E. WHITE COAL COMPANY.

GLEN WHITE.

No. 958. *E. E. White Nos. 1 & 2.*—These are shaft mines located at Glen White, on a branch line off the Virginian Railway, operating the Beckley seam, on the triple and double entry system. Thickness of coal, 4 feet 8 inches. Roof in sections not good. These are gaseous mines and liberate gas freely in sections. Electric safety lamps are used by the miners, where pillars are being robbed or drawn. The rest of the miners use lard oil and carbide lamps. Mining is done by pick and machine miners. Haulage by electric locomotives and mules. Drainage by electric pumps. Phones are installed in the mines. Mines are ventilated by a 24x6 Guibal fan, exhausting.

E. E. WHITE, *General Manager.*
C. R. STHAL, *Chief Engineer.*
ROBERT F. ROTH,, *Assistant Engineer.*
FRANK MCHUGH, *Mine Foreman.*
JAMES HASTIE, *Fire Boss.*
GUS PILLING, *Fire Boss.*
ROBERT HEWLIS, *Fire Boss.*
CORBET BLAKE, *Fire Boss.*

WRIGHT COAL & COKE COMPANY.

PAX.

(General Offices, Wright.)

No. 959. *Wright Nos. 1 & 2.*—These are drift openings located at Wright, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Fire Creek seam, double entry system. Thickness of coal, 2 feet, 8 inches. Roof good. Mining is done by pick miners. Haulage by main and tail rope and mules. Length of incline connected to these openings, 1150 feet. Ventilated by two fans, both exhausting.

W. S. WOOD, *General Manager.*
M. W. MURPHY, *Superintendent.*
F. E. BROWN, *Mine Foreman.*

WRIGHT COAL & COKE COMPANY.

PAX.

(General Offices, Wright.)

No. 960. *Wright No. 3.*—This mine has a series of drift openings, located at Wright, on the Piney Branch of the Chesapeake & Ohio Railway, operating the Fire Creek seam, with an average thickness of 2 feet 10 inches. Good roof. Drainage good. Some of the roadways are dry and dusty, and required watering down. Electric wires low in places. Mine ventilated by two fans, giving fairly good results.

W. S. WOOD, *General Manager.*
M. W. MURPHY, *Superintendent.*
P. J. MCQUADE, *Mine Foreman.*

WEST VIRGINIA COAL COMPANY.

SKELTON.

(General Offices, Richmond, Va.)

No. 961. *Ragland.*—This is a drift opening, located at Skelton, on the P. R. & P. C. Railway, operating the Sewell seam, which has a thickness of 3 feet. Roof good. Coal is mined by pick miners. Haulage by mules. Ventilation is produced by a 4-foot fan, exhausting, electrically driven. Voltage 220. Monobel and black powder used for shooting coal.

T. R. RAGLAND, *Manager.*
V. D. JOHNSON, *Mine Foreman.*

WOOD PECK COAL COMPANY.

SULLIVAN.

No. 962. *Wood Peck.* This is a drift opening, located at Wood Peck, on a Branch line off the Piney Branch of the Chesapeake & Ohio Railway, operating the Beckley seam, on the double entry system. Thickness of vein 4 feet. Fairly good roof. Mining is done by pick miners. Haulage by main and tail rope and mules. Daily tonnage 175 tons. Drainage by two Fairbanks-Morse pumps. Ventilation produced by a 6-foot fan, steam driven, exhausting.

F. C. WOOD, *Manager.*
ROBERT CREWS, *Mine Foreman.*

TENTH DISTRICT.

GENERAL SUMMARY FOR THE TENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Mc Dowell (Part)	23	18	774	1,115	86	779	2,754	531	175	706	3,460	2,819,796	113,890
Mercer....	34	13	1,017	706	111	851	2,685	524	187	711	3,396	2,717,510	133,069
Raleigh... (Part)	18	6	337	410	70	475	1,292	232	......	232	1,524	1,533,563	....
Wyoming. (Part)	8	....	41	46	9	52	148	79	......	79	227	96.166	....
Totals....	83	37	2,169	2,277	276	2,157	6,879	1,366	362	1,728	8,607	7,167,035	246.959

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE TENTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL COUNTY			
Algoma Coal Co.	Piney	8-17-14	Isaac Murray
Algoma Coal Co.	Piney	1-21-15	Isaac Murray
Algoma Coal Co.	Algoma	1-22-15	Isaac Murray
Arlington Coal Co.	Arlington	8-24-14	Isaac Murray
Arlington Coal Co.	Arlington	2- 3-15	Isaac Murray
Arlington Coal Co.	Arlington	6-18-15	Isaac Murray
Ashland Coal Co.	Ashland	11-18-14	Isaac Murray
Ashland Coal Co.	Monitor	11-19-14	Isaac Murray
Ashland Coal Co.	Ashland	4-19-15	Isaac Murray
Ashland Coal Co.	Ashland	4-20-15	Isaac Murray
Ashland Coal Co.	Monitor	4-21-15	Isaac Murray
Elkhorn Coal & Coke Co.	Elkhorn	11- 4-14	Isaac Murray
Elkhorn Coal & Coke Co.	Elkhorn	2- 2-15	Isaac Murray
Elkhorn Coal & Coke Co.	Elkhorn	6-14-15	Isaac Murray
Elkridge Coal & Coke Co.	Elkridge	10-22-14	Isaac Murray
Elkridge Coal & Coke Co.	Elkridge	2-11-15	Isaac Murray
Elkridge Coal & Coke Co.	Elkridge	6-21-15	Isaac Murray
Extra Pocahontas Coal Co.	Extra Pocahontas	9- 4-14	Isaac Murray
Extra Pocahontas Coal Co.	Extra Pocahontas	6- 7-15	Isaac Murray
Fortune Hunter Coal Co.	Fortune Hunter	1-22-15	Isaac Murray
Gilliam Coal & Coke Co.	Gilliam	8-18-14	Isaac Murray
Gilliam Coal & Coke Co.	Gilliam	1-25-15	Isaac Murray
Greenbrier Coal & Coke Co.	Greenbrier	8-21-14	Isaac Murray
Greenbrier Coal & Coke Co.	Greenbrier	2- 4-15	Isaac Murray
Indian Ridge Coal & Coke Co.	Indian Ridge	11-17-14	Isaac Murray
Indian Ridge Coal & Coke Co.	Indian Ridge	5-19-15	Isaac Murray
McDowell Coal & Coke Co.	McDowell	10-21-14	Isaac Murray
McDowell Coal & Coke Co.	McDowell	10-22-14	Isaac Murray
McDowell Coal & Coke Co.	McDowell	4-20-15	Isaac Murray
McDowell Coal & Coke Co.	McDowell	4-21-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Rolfe	8-19-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Rolfe	8-20-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	9- 1-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Delta	9- 2-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Shamokin	9- 8-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Angle	9- 9-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Norfolk	9-10-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Rolfe	11- 2-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Cherokee	11-20-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Shamokin	1- 6-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Delta	1- 7-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	1- 8-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Norfolk	1-18-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Angle	1-20-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Rolfe	2- 9-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Cherokee	4-22-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	6- 7-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Rolfe	6- 8-15	Isaac Murray
Roanoke Coal & Coke Co.	Roanoke	8-20-14	Isaac Murray
Roanoke Coal & Coke Co.	Roanoke	2-10-15	Isaac Murray
Roanoke Coal & Coke Co.	Roanoke	6-17-15	Isaac Murray
Zenith Coal & Coke Co.	No. 1	11-16-14	Isaac Murray
Zenith Coal & Coke Co.	No. 2	11-16-14	Isaac Murray
Zenith Coal & Coke Co.	No. 1	5-18-15	Isaac Murray
Zenith Coal & Coke Co.	No. 1	5-18-15	Isaac Murray
MERCER COUNTY			
Algonquin Coal Co.	Algonquin	4-12-15	Isaac Murray
American Coal Co.	Crane Creek No. 1	9-23-14	Isaac Murray
American Coal Co.	Crane Creek No. 1	9-24-14	Isaac Murray
American Coal Co.	Pinnacle North	9-25-14	Isaac Murray
American Coal Co.	Piedmont No. 1 & 2	10-16-14	Isaac Murray
American Coal Co.	Pinnacle South	11-13-14	Isaac Murray
American Coal Co.	Crane Creek No. 2	2-17-15	Isaac Murray
American Coal Co.	Crane Creek No. 1	2-18-15	Isaac Murray
American Coal Co.	Piedmont No. 1	4-13-15	Isaac Murray
American Coal Co.	Piedmont No. 3	4-13-15	Isaac Murray
American Coal Co.	Pinnacle North	4-16-15	Isaac Murray
American Coal Co.	Pinnacle South	6-10-15	Isaac Murray
Booth-Bowen Coal Co.	Booth-Bowen	8- 7-14	Isaac Murray
Booth-Bowen Coal Co.	Booth-Bowen	12-22-14	Isaac Murray
Buckeye Coal & Coke Co.	North	7-30-14	Isaac Murray
Buckeye Coal & Coke Co.	South	7-31-14	Isaac Murray

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MERCER CO.—Continued			
Buckeye Coal & Coke Co.	North	12-21-14	Isaac Murray
Buckeye Coal & Coke Co.	South	12-21-14	Isaac Murray
Buckeye Coal & Coke Co.	North	5- 4-15	Isaac Murray
Buckeye Coal & Coke Co.	South	5- 4-15	Isaac Murray
Crystal Coal & Coke Co.	No. 6	7- 1-14	Isaac Murray
Crystal Coal & Coke Co.	No. 7	7- 1-14	Isaac Murray
Crystal Coal & Coke Co.	No. 3	7- 2-14	Isaac Murray
Crystal Coal & Coke Co.	No. 4	7- 2-14	Isaac Murray
Crystal Coal & Coke Co.	No. 1	1- 4-15	Isaac Murray
Crystal Coal & Coke Co.	No. 7	1- 4-15	Isaac Murray
Crystal Coal & Coke Co.	Nos. 3 & 4	1- 5-15	Isaac Murray
Crystal Coal & Coke Co.	No. 7	6-11-15	Isaac Murray
Crystal Coal & Coke Co.	Nos. 4 & 6	6-15-15	Isaac Murray
Crystal Coal & Coke Co.	No. 3	6-16-15	Isaac Murray
Ennis Coal Co.	Hiawatha	7- 8-14	Isaac Murray
Ennis Coal Co.	Hiawatha	10-14-14	Isaac Murray
Ennis Coal Co.	Hiawatha	4- 8-15	Isaac Murray
Godfrey Coal Co.	Godfrey	7- 2-14	Isaac Murray
Louisville Coal & Coke Co.	Louisville	8- 5-14	Isaac Murray
Louisville Coal & Coke Co.	Goodwill	8- 6-14	Isaac Murray
Louisville Coal & Coke Co.	Louisville	2- 5-15	Isaac Murray
Louisville Coal & Coke Co.	Goodwill	2- 8-15	Isaac Murray
Mill Creek Coal & Coke Co.	Tug River	11- 5-14	Isaac Murray
Mill Creek Coal & Coke Co.	Coaldale	11- 6-14	Isaac Murray
Mill Creek Coal & Coke Co.	Coaldale	2-12-15	Isaac Murray
Mill Creek Coal & Coke Co.	Tug River	2-19-15	Isaac Murray
Mill Creek Coal & Coke Co.	West Fork	2-19-15	Isaac Murray
Modoc Coal & Mining Co.	Modoc	4- 5-15	Isaac Murray
Patterson S. J. Pocahontas Co.	Arista	4- 5-15	Isaac Murray
Pawama Coal & Coke Co.	Pawama	11- 9-14	Isaac Murray
Pawama Coal & Coke Co.	Pawama	3-22-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Elkhorn	8- 3-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Hemlock	8- 4-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore No. 1	9-21-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore No. 2	9-22-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Hemlock	12-23-14	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Elkhorn	1- 1-15	Issac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore No. 2	2-15-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore No. 2	2-16-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore Nos. 1 & 2	2-16-15	Isaac Murray
Pocahontas Cons. Collieries Co., Inc.	Elkhorn	4-23-15	Issac Murray
Pocahontas Cons. Collieries Co., Inc.	Sagamore	6- 9-15	Isaac Murray
The Smokeless Coal Co.	Smokeless	7- 9-14	Isaac Murray
The Smokeless Coal Co.	Smokeless	10-15-14	Isaac Murray
The Smokeless Coal Co.	Smokeless	4- 9-15	Isaac Murray
Solvay Collieries Co.	Spring	7- 7-14	Isaac Murray
Solvay Collieries Co.	Spring	10-12-14	Isaac Murray
Solvay Collieries Co.	Spring	4- 7-15	Isaac Murray
Thomas Coal Co.	No. 2	11-11-14	Isaac Murray
Thomas Coal Co.	No. 1	11-12-14	Isaac Murray
Thomas Coal Co.	No. 1	4-14-15	Isaac Murray
Thomas Coal Co.	No. 2	4-15-15	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 1	7- 6-14	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 2	7- 6-14	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 2	7- 7-14	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 1	10-13-14	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 2	10-13-14	Isaac Murray
Turkey Gap Coal & Coke Co.	Wenonah No. 1	4- 6-15	Isaac Murray
Weyanoke Coal & Coke Co.	No. 1	11-10-14	Isaac Murray
Weyanoke Coal & Coke Co.	Elihu	11-10:14	Isaac Murray
Weyanoke Coal & Coke Co.	No. 1	3-23-15	Isaac Murray
Weyanoke Coal & Coke Co.	Elihu	3-24-15	Isaac Murray
RALEIGH COUNTY			
Bailey-Wood Coal Co.	Bailey-Wood	7-23-14	Isaac Murray
Bailey-Wood Coal Co.	Bailey-Wood	12-11-14	Isaac Murray
Bailey-Wood Coal Co.	Bailey-Wood	6- 1-15	Isaac Murray
Gulf Coal Co.	No. 1	7-21-14	Isaac Murray
Gulf Coal Co.	Nos. 3 & 4	7-26-14	Isaac Murray
Gulf Coal Co.	No. 1	12- 9-14	Isaac Murray
Gulf Coal Co.	No. 4	12- 9-14	Isaac Murray
Gulf Smokeless Coal Co.	No. 1	7-16-14	Isaac Murray
Gulf Smokless Coal Co.	No. 2	7-16-14	Isaac Murray
Gulf Smokeless Coal Co.	No. 3	7-16-14	Isaac Murray
Gulf Smokeless Coal Co.	No. 2	12-15-14	Isaac Murray
Gulf Smokeless Coal Co.	No. 3	12-15-14	Isaac Murray

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
RALEIGH CO.—Continued			
Gulf Smokeless Coal Co.	No. 1	12-16-14	Isaac Murray
Gulf Smokeless Coal Co.	No. 3	6- 4-15	Isaac Murray
Lynwin Coal Co.	Lynwin	7-15-14	Isaac Murray
Lynwin Coal Co.	Lynwin	1-14-15	Isaac Murray
MacAlpin Coal Co.	No. 1	12-10-14	Isaac Murray
MacAlpin Coal Co.	No. 2	12-10-14	Isaac Murray
MacAlpin Coal Co.	No. 1	8-11-14	Isaac Murray
MacAlpin Coal Co.	No. 2	8-11-14	Isaac Murray
MacAlpin Coal Co.	Nos. 1 & 2	4-12-15	Lance B. Holliday
MacAlpin Coal Co.	Nos. 1 & 2	4-13-15	Lance B. Holliday
MacAlpin Coal Co.	No. 1	5-11-15	Isaac Murray
MacAlpin Coal Co.	No. 2	5-12-15	Isaac Murray
Pemberton Coal & Coke Co.	Big Stick	7-22-14	Isaac Murray
Pemberton Coal & Coke Co.	Big Stick	12- 8-14	Isaac Murray
Pemberton Coal & Coke Co.	Big Stick	5-13-15	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 5	8-12-14	Isaac Murray
White E. E. Coal Co.	Stotesbury Nos. 1 & 3	8-12-14	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 6	8-13-14	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 5	12-17-14	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 3	12-17-14	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 6	12-18-14	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 5	5-14-15	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 3	5-15-15	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 6	6- 2-15	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 3	6- 3-15	Isaac Murray
White E. E. Coal Co.	Stotesbury No. 5	6- 3-15	Isaac Murray
Winding Gulf Colliery Co.	No. 1	7-14-14	Isaac Murray
Winding Gulf Colliery Co.	No. 3	7-14-14	Isaac Murray
Winding Gulf Colliery Co.	No. 2	7-15-14	Isaac Murray
Winding Gulf Colliery Co.	No. 1	1-12-15	Isaac Murray
Winding Gulf Colliery Co.	No. 2	1-13-15	Isaac Murray
WYOMING COUNTY			
Mead-Pocahontas Coal Co.	Mead-Pocahontas	1-15-15	Isaac Murray

INSPECTOR'S REPORT.

BRAMWELL, W. VA., August 31, 1916.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—In compliance with the law, I herewith respectfully submit my annual report as Inspector of Tenth Mining District for the fiscal year ending June 30th, 1915.

The depressed condition of the coal market has caused the mines in this District to run on very short time during the greater part of the past year.

The majority of the mines in this District are operating in the No. 3 Pocahontas seam, with some few in the Beckley seam.

The safety and sanitary conditions of the mines continue to improve. But the number of fatal and non-fatal accidents are entirely too large. And better discipline should be enforced in and around the mines against the intelligent man who knows, but will not keep his place safe. These accidents will continue to happen. What is most needed is more aid to the uninjured and first aid to the injured when required.

The general condition of the mines in this district for general safety and the mining of coal is good, and if proper precautions were exercised the number of fatalities could be reduced to a very small minimum.

There are quite a number of new mines opening up in this district. Three on the Widemouth division and several under development in the Winding Gulf section.

A number of the mines in this district get dry and dusty in the winter months if they are not kept properly watered down. In some of the mines salt is used to gather moisture. And I believe if salt is used early in the fall months, and thickly applied, it will hold moisture during the greater part of the winter months.

I am pleased to say that in the performance of my official duties I have had the hearty co-operation of mine officials and employes.

In conclusion I wish to thank you for the able and courteous assistance received at your hands.

Yours respectfully,

ISAAC MURRAY,
Inspector Tenth District.

McDOWELL COUNTY.

ARLINGTON COAL & COKE COMPANY.

MCDOWELL.

No. 1001. *Arlington.*—This mine is located four miles from Northfork, on a branch line of the N. & W. R. R. It is a drift mine, operating in the No. 3 Pocahontas seam, employing one hundred and ten men inside, the output being about 1000 tons per day. Ventilation is produced by an eighteen foot fan. The current is divided into two separate splits, and is well conducted to the working faces.

The coal is mined with picks. Haulage is done by mules and motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
MORRIS WATTS, *General Manager.* WILLIAM MORRIS, *Mine Foreman.*
C. HUGHES, *Superintendent.* SCOTT SINK, *Asst. Foreman.*
ANDREW LICKWATER, *Asst. Foreman.*

ASHLAND COAL & COKE COMPANY.

ASHLAND.

No. 1002. *Ashland.*—This is a drift mine operating in the No. 3 Pocahontas seam, and is located six miles from Northfork, on a branch line of the N. & W. R. R. This mine employs ninety-five men inside, with a daily output of about 1000 tons per day. Ventilation is produced by a sixteen foot fan. The air current being divided into three separate splits, it is well conducted to the working faces. The coal is undercut with picks and electric machines. Haulage is done with mules and motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
D. PHILLIPS, *General Manager.* E. C. LEWIS, *Mine Foreman.*
T. J. O'NEAL, *Superintendent.* W. S. COLVARD, *Asst. Foreman.*

ASHLAND COAL & COKE COMPANY.

ASHLAND.

No. 1003. *Monitor.*—This is a drift mine operating in the No. 3 Pocahontas seam, and is located about six miles from Northfork, on a branch line of the N. & W. R. R. This mine is operating in the same lease as the Ashland mine. This mine employs 80 men inside and produces about 1000 tons per day. Ventilation is produced by a twenty foot fan, giving good results. The coal is mined with electric and air mining machines. Haulage is done by mules and motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
D. PHILLIPS, *General Manager.* J. H. HOLLOWAY, *Mine Foreman.*
T. J. O'NEAL, *Superintendent.*

ELKHORN COAL & COKE COMPANY.

MAYBEURY.

No. 1004. *Elkhorn.*—This is a drift mine operating in the No. 3 Pocahontas seam, and is located on a branch line of the N. & W. R. R. at Maybeury. This seam is eight feet in heighth and has a very dangerous roof, which needs very careful timbering. Ventilation is produced by a 16-foot fan, giving good results. There are seven different intakes, which constitutes seven different air currents from the outside, which ventilates the mine. Haulage is done with mules and steam locomotives. Drainage is in good condition. All necessary supplies are kept on hand as the law requires.
R. S. ORD, *General Manager.* JOHN LITTLE, *Mine Foreman.*
C. B. SMITH, *Superintendent.* LEVI LITTLE, *Asst. Foreman.*
A. J. TABOR, *Asst. Foreman.*
J. HESLEP, *Asst. Foreman.*
J. ROBINET, *Asst. Foreman.*
L. LAWRENCE, *Asst. Foreman.*

ELK RIDGE COAL & COKE COMPANY.

NORTHFORK.

No. 1005. *Elk Ridge Nos. 1 & 2.*—Located at Northfork. They are drift mines operating in the No. 3 Pocahontas seam. The coal is seven feet thick and is overlaid with a very dangerous draw slate. These two mines are on the retreat. Ventilation is produced by two sixteen-foot fans. Coal is mined with picks. Haulage is done by steam locomotives and mules. The coal from these two mines is delivered to the same tipple. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

L. E. TIERNEY, *General Manager.* J. W. TRAIL, *Mine Foreman.*
T. W. FITZSIMMONS, *Superintendent.* MAT CRICKMAN, *Asst. Foreman.*

EXTRA POCAHONTAS COAL COMPANY.

SWITCHBACK.

No. 1006. *Extra-Pocahontas.*—This is a drift mine located on a branch line of the N. & W. R. R. near Lickbranch. It is operating in the No. 3 Pocahontas seam, and is eight feet in height. The roof is very dangerous and has to be well timbered. The coal is mined with picks. Haulage is performed with mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. E. BIGGS, *General Manager.* J. R. MEADWELL, *Mine Foreman.*

GILLIAM COAL & COKE COMPANY.

GILLIAM.

No. 1007. *Gilliam.*—This mine is located three miles from Northfork, on the branch line of the N. & W. R. R. It is a drift opening, operating in the No. 3 Pocahontas seam, which has an average height of about five feet. The roof is dangerous in some sections, but is well timbered. Ventilation is produced by an eighteen foot fan, giving good results. Haulage is performed by electric motors and mules. Coal is mined by eletric machines and picks. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

MORRIS WATTS, *General Manager.* C. C. HUGHES, *General Mine Foreman.*
R. M. COOK, *Mine Foreman.*

GREENBRIER COAL & COKE COMPANY.

MCDOWELL.

No. 1008. *Greenbrier.*—This is a drift mine, operating in the No. 3 Pocahontas seam, and located about five miles from Northfork, on a branch line of the N. & W. R. R. This mine employs one hundred and five men inside producing a daily output of about 1000 tons per day. Ventilation is produced by a thirteen-foot fan, giving good results. Haulage is done with mules and motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAIRUS COLLINS, *General Manager.* W. H. MARTIN, *Mine Foreman.*
C. W. SCOTT, *Asst. Foreman.*

INDIAN RIDGE COAL & COKE COMPANY.

WORTH.

No. 1009. *Indian Ridge.*—This is a drift mine. located six miles from Northfork, on a branch line of the N. & W. R. R. and is operated in the No. 3 Pocahontas seam. Ventilation is produced by a nine-foot fan, giving good results. The coal is mined by electric machines and picks. The haulage is performed by electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

A. D. RICE, *General Manager.* J. Q. STONE, *Mine Foreman.*
H. HONAKER, *Superintendent.* GEORGE GIBSON, *Asst. Foreman.*

McDOWELL COAL & COKE COMPANY.

MCDOWELL.

No. 1010. *McDowell.*—This is a drift opening, operating in the No. 3 Pocahontas seam, and is located four miles from Northfork, on a branch line of the N. & W. R. R. This mine employs one hundred and fifty men, producing about 2000 tons per day. Ventilation is produced by a seventeen-foot fan. the current being divided into four different splits, and being well conducted through the mine. The coal is mined by a top cutting machine and picks. Haulage is done with mules and motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

W. H. THOMAS, *General Manager.*
H. W. RAWSON, *Superintendent.*
E. W. PRICE, *Mine Foreman.*
R. P. COWAN, *Asst. Foreman.*
A. H. HAMILTON, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

MAYBEURY.

No. 1011. *Angle.*—This is a drift mine located across the ravine from the Norfolk mine, and is operated in the No. 3 Pocahontas seam. The output from this mine is delivered at the same tipple as the Norfolk mine. The coal is overlaid with a draw slate about six inches thick, which has to be taken down. The roof above the draw slate is very good. The coal is mined by electric machines and picks. 150 men are employed on the inside producing about 1500 tons per day. Ventilation is produced by a twelve foot fan, giving good results. Haulage is done with electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAS. ELWOOD JONES, *Gen. Manager.*
R. S. WHITEHEAD, *Superintendent.*
R. C. COFFER, *Inspector of Mines.*
JOHN SHUFFELBARGER, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

ASHLAND.

No. 1012. *Cherokee.*—This is a drift mine, operating in the No. 3 Pocahontas seam, and is located on a branch line of the N. & W. R. R., about seven miles from Northfork. This mine gives employment to about eighty men on the inside, producing about six hundred tons per day. Ventilation is produced by a ten foot fan, giving good results. On my last inspection this mine was very moist in all parts of the mine. The coal is mined with picks and electric mining machines. Haulage is done by mules and electric motors. Roof, timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAS. ELWOOD JONES, *Gen. Manager.*
W. M. PEARMAN, *Superintendent.*
R. C. COFFER, *Inspector of Mines.*
N. D. HALL, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

SWITCHBACK.

No. 1013. *Delta.*—This mine is located near Switchback, on the main line of the N. & W. R. R., and is a drift mine, operating in the No. 3 Pocahontas seam, which has an average thickness of from 6 to 8 feet, and is overlaid with a draw slate from six to twelve inches thick, which makes it very dangerous. The coal is cut with electric chain machines. Haulage is done with electric motors. Ventilation is produced by a nine foot fan, giving good results. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAS. ELWOOD JONES, *Gen. Manager.*
R. S. WHITEHEAD, *Superintendent.*
R. C. COFFER, *Inspector of Mines.*
ROBERT HUTCHINSON, *Mine Foreman.*
GEORGE IRVING, *Asst. Foreman.*
HARRY JARVINS, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

SWITCHBACK.

No. 1014. *Lickbranch.*—This is a drift mine, operating the No. 3 Pocahontas seam, and is located at Lick Branch, on the main line of the N. & W. R. R. The coal is eight feet in height. The coal is cut in the center by electric machines. There is a draw slate over the top of the coal from six to twelve inches in thickness, which has to be taken down. This mine is kept in a good moist condition, and is mostly confined to pillar work. Ventilation is produced by an eight foot fan, giving good results. Haulage is done with electric motors. Drainage and timbering good, all necessary supplies kept on hand as the law requires. A new steel tipple has been erected at this mine, which will handle 3000 tons of coal per day. It is equipped with a 175 H. P. motor which runs the entire tipple. The coal from Shamokin mine and Lickbranch mine is run over the same tipple.

JAS. ELWOOD JONES, *Gen. Manager.* R. B. SMITH, ***Mine Foreman.***
R. S. WHITEHEAD, *Superintendent.* TOM WASHBURDEN, ***Asst. Foreman.***

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

MAYBEURY.

No. 1015. *Norfolk Nos. 1 and 2.*—These mines are located about two miles from Maybeury, on a branch line of the N. & W. R. R., and are drift mines connected on the inside, operating in the No. 3 Pocahontas seam. The coal is nine feet thick. The work is very dangerous on account of the bad top. Most of the timbering is done by company men. The coal is mined by hand picks and electric mining machines. These mines are kept in a good moist condition. Ninety men are employed on the inside, producing about 1000 tons per day. Ventilation is produced by a twelve-foot fan, which gives ample ventilation. All necessary supplies kept on hand as the law requires.

JAS. ELWOOD JONES, *Gen. Manager.* JOHN SHUFFELBARGER, *Mine Foreman.*
R. S. WHITEHEAD, *Superintendent.* JAS. HENDRICK, *Asst. Mine Foreman.*
R. C. COFFER, *Inspector of Mines.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

WORTH.

No. 1016. *Rolfe.*—This is a drift mine, located on a branch line of the N. & W. R. R., three miles from Northfork, and is operating in the No. 3 Pocahontas seam, which has an average thickness of about five feet, and is overlaid with a draw slate, about eight inches in thickness, which has to be taken down. The roof above the slate is very good. 90 men are employed on the inside, producing about 800 tons per day. Coal is undercut with electric machines and picks. Haulage is performed by electric motors. Ventilation is produced by a twelve foot fan, giving good results. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAS. ELWOOD JONES, *Gen. Manager.* J. C. KIRK, *Mine Foreman.*
C. H. BOWERS, *Superintendent.*
R. C. COFFER, *Inspector of Mines.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, Inc.

SWITCHBACK.

No. 1017. *Shamokin.*—This mine is located on the main line of the N. & W. R. R. near Lickbranch, and is operating in the No. 3 Pocahontas seam, which is nine feet in thickness. About eighteen inches is left to support the roof. This mine gives employment to 175 men on the inside producing 2000 tons per day. Ventilation is produced by a twelve foot fan, giving good results, the air being well conducted to the working faces. This mine is kept in a good moist condition. The coal is cut by electric machines and picks. Drainage and timbering good. All necessary supplies are kept on hand as the law requires. The coal from this mine goes to the same tipple as the Lickbranch Mine.

JAS. ELWOOD JONES, *Gen. Manager.* TOM BURREL, *Mine Foreman.*
R. S. WHITEHEAD, *Superintendent.*
R. C. COFFER, *Inspector of Mines.*

ROANOKE COAL & COKE COMPANY.

WORTH.

No. 1018. *Roanoke.*—This is a drift mine, located about four miles from Northfork, on a branch line of the N. & W. R. R., and is operated in the No. 3 Pocahontas seam. Ventilation is produced by a ten foot fan, the current being divided into three separate splits, and is well conducted to the working faces. The coal is mined with machines and picks. Haulage is done with electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

HENRY BROOKS, *Gen. Manager.* SAM EDWARDS, *Mine Foreman.*

ZENITH COAL & COKE COMPANY.

CRUMPLER.

No. 1019. *Zenith.*—These are drift mines, located seven miles from Northfork, operating in the No. 3 Pocahontas seam, which is four feet six inches thick, and is overlaid with a very good roof. Ventilation is produced by two twelve foot fans, giving ample ventilation. The coal from these two mines goes to the same tipple. Haulage is performed by electric motors and mules. Mining is done with electric machines and picks. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

A. D. RICE, *Gen. Manager.* W. A. OTEY, *Mine Foreman.*
H. HONAKER, *Superintendent.* E. B. FILLCHER, *Asst. Foreman.*
E. N. CROUCH, *Asst. Foreman.*

MERCER COUNTY.

ALGOMA COAL & COKE COMPANY.

ALGOMA.

No. 1020. *North Fork.—Coaling Station.*—This is a drift mine located on Burk Creek, one-fourth mile from Northfork, on the main line of the N. & W. R. R., operating in the No. 3 Pocahontas seam. This mine is confined to pillar work. The coal is mined by picks. Ventilation is produced by a ten-foot fan, giving ample ventilation. Haulage is done by mules. The roof is very dangerous, but is kept well timbered. Drainage good. All necessary supplies are kept on hand as the law requires.

W. J. BEURY, *Gen. Manager.* H. C. WILCOX, *Mine Foreman.*
J. F. LOGAN, *Superintendent.*

ALGOMA COAL & COKE COMPANY.

ALGOMA.

No. 1021. *Piney.*—This mine is located on Buzzard Creek about one mile from Northfork on a branch line of the N. & W. R. R. Ventilation is produced by an eight foot fan, giving good results. Coal is mined with machines and picks. Haulage is performed with electric motors and mules. This mine contains very little water, but the mine is kept moist by hauling water inside to sprinkle the mine with. Roof and timbering good. All necessary supplies are kept on hand as the law requires.

W. J. BEURY, *Gen. Manager.* GUY TALOR, *Asst. Foreman.*
J. F. LOGAN, *Superintendent.* JIM TALOR, *Asst. Foreman.*
J. F. LOGAN, *Gen. Mine Foreman.* W. G. FEDA, *Asst. Foreman.*
M. A. BROWN, *Asst. Foreman.*

AMERICAN COAL & COKE COMPANY OF ALLEGHENY COUNTY.

McCOMAS.

No. 1022. *Crane Creek No. 1.*—This is a drift mine, operating in the No. 3 Pocahontas seam. It is located near Mora, on the Crane Creek branch of the N. & W. R. R. Ventilation is produced by a twelve-foot fan, giving ample ventilation throughout the mine. This mine is troubled with considerable water in the dip workings. Haulage is done with motors and mules. This mine is in a first-class condition. Timbering and drainage good. All necessary supplies kept on hand as the law requires.

J. H. PARROTT, *General Manager.* JAS. HUGHES, *Mine Foreman.*
J. TRACY WALKER, *Superintendent.* PETER DRENNAN, *Mine Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

McCOMAS.

No. 1023. *Crane Creek No. 2.*—This is a drift opening. operating in the No. 3 Pocahontas seam. and located near Mora. on the Crane Creek branch of the N. & W. R. R. Ventilation is produced by a ten-foot fan which has been installed recently, and is well conducted to the face of all the workings. Sufficient pumps and drainage is maintained to handle the water. Haulage is done with mules and motors. The coal from Nos. 1 and 2 mines is delivered at the same tipple. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* JAS. HUGHES, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* PETER DRENNEN, *Mine Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

WIDEMOUTH.

No. 1024. *Piedmont No. 1.*—This is a drift mine operating in the No. 3 Pocahontas seam. and located on a branch of the Widemouth Creek Division. Ventilation is produced by an eight-foot fan, which gives ample ventilation throughout the mine. Haulage is performed by electric motors, steam locomotives and mules. This mine is always in a moist condition. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* C. R. IRVIN, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* HARRY HUMES, *Mine Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

WIDEMOUTH.

No. 1025. *Piedmont No. 2.*—This is a drift mine operating in the same lease as No. 1 mine. The coal is delivered at the same tipple. Haulage is performed by electric motors and mules. Roof and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* C. R. IRVIN, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* HARRY HUMES, *Mine Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

WIDEMOUTH.

No. 1026. *Piedmont No. 3.*—This is a drift mine operating in the same lease as Nos. 1 and 2 mines, and the coal is delivered at the same tipple. Ventilation is produced by a seven-foot fan, which also ventilates No. 2 mlne. The air being well distributed to the working faces. Haulage is performed by electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* C. R. IRVIN, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* HARRY HUMES, *Mine Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

McCOMAS.

No. 1027. *Pinnacle North.*—This is a drift mine located near the head of Crane Creek, on a branch line of the N. & W. R. R. It is operating in the No. 3 Pocahontas seam. Ventilation is produced by a twelve-foot fan, the air current being divided into two separate splits, and is well conducted to the face of all the working places. Haulage is performed by electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* S. W. LANDRETH, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* C. THOMPSON, *Asst. Foreman.*

AMERICAN COAL COMPANY OF ALLEGHENY COUNTY.

MCCOMAS.

No. 1028. *Pinnacle South*—This is a drift mine located across the ravine from the Pinnacle North Mine, operating in the No. 3 Pocahontas seam. The coal is mined with machines. The coal is deliverd to the same tipple as The Pinnacle North Mine. Ventilation is produced by a twelve-foot fan, furnishing ample ventilation throughont the mine. Haulage is performed by electric motors and mules. Timbering and drainage good. All necessary supplies kept on hand as the law requires.

J. H. PARROTT, *General Manager.* S. W. LANDRETH, *Mine Foreman.*
J. TRACEY WALKER, *Superintendent.* FLOYD SPARKS, *Asst. Foreman.*

BOOTH BOWEN COAL & COKE COMPANY.

FREEMAN.

No. 1029. *Booth Bowen.*—This mine is located on Simmons Creek, about three miles from Freeman. It is a drift opening operating in the No. 3 Pocahontas seam. Ventilation is produced by a twenty-foot fan, giving good results. The air current is distributed throughout the mine by four different splits. The haulage is performed by steam locomotives and mules. The roof is dangerous in some parts of the mine, but is kept well timbered. All necessary supplies are kept on hand as the law requires. The mining laws are well complied with.

HARRY BOWEN, *General Manager.* BENJ. ENGLISH, *Mine Foreman.*
JOS. H. BOWEN, *Superintendent.* MALCOLM HENSLEY, *Asst. Mine Foreman.*
ED. LAWSON, *Asst. Mine Foreman.*

BUCKEYE COAL & COKE COMPANY.

FREEMAN.

No. 1030. *Buckeye North*—This mine is located on the Widemouth Division of the N. & W. R. R., two miles from Simmons. It is a drift mine, operating in the No. 3 Pocahontas seam. The coal is mined by picks. Haulage is performed by steam locomotives and mules. Ventilation is produced by an eighteen-foot fan which gives good results. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. C. PACK, *General Manager.* E. W. PRICE, *Mine Foreman.*
F. R. HEWITT, *Superintendent.*

BUCKEYE COAL & COKE COMPANY.

FREEMAN.

No. 1031. *Buckeye South*—This mine is located on the Widemouth Division of the N. & W. R. R., two miles from Freeman. It is a drift opening, operating in the No. 3 Pocahontas seam, with an average height of five feet and six inches. The roof is of a dangerous nature, and requires careful timbering. Hauling is done with steam locomotives and mules. Ventilation is produced by an eighteen-foot fan, giving good results. This mine delivers its coal to the same tipple as Buckeye North mine. All necessary supplies are kept on hand to comply with the mining laws.

J. C. PACK, *General Manager.* H. C. PRICE, *Mine Foreman.*
F. R. HEWITT, *Superintendent.* P. H. GARLAND, *Asst. Mine Foreman.*
W. R. FOSTER, *Asst. Mine Foreman.*

COOPERS COAL COMPANY.

CRYSTAL.

No. 1032. *Cephus.*—This mine is located on Crane Creek, two miles from Montcalm. On a branch of the N. & W. R. R. It is a drift opening operating in the No. 3 Pocahontas seam. This mine is on the retreat. Ventilation is produced by

a furnace giving ample ventilation for the fifteen men employed. Haulage is done by mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
E. A. WILLIAMS, *General Manager.* E. E. NUNN, *Mine Foreman.*
E. V. NEAL, *Superintendent.*

CRYSTAL COAL & COKE COMPANY.

CRYSTAL.

No. 1033. *Crystal Nos. 3 & 4.*—These are drift mines located at Crystal, on the Crane Creek branch of the N. & W. R. R., operating in the No. 3 Pocahontas seam. Ventilation is produced by an eight-foot fan, giving good results. Coal is mined with picks. Haulage is done with motors and mules. The output from these two mines is delivered at the same tipple. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
W. H. THOMAS, *General Manager.* C. H. HEDRICH, *Mine Foreman.*
W. J. PRITCHARD, *Superintendent.*

CRYSTAL COAL & COKE COMPANY.

CRYSTAL.

No. 1034. *Crystal No. 6.*—This mine is located on the Crane Creek branch of the N. & W. R. R., about three miles from Montcalm. It is a drift opening, operating in the No. 3 Pocahontas seam. Ventilation is produced by an eight-foot fan. The air is divided into two separate splits. This mine is mostly confined to pillar work. Haulage is done with motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
W. H. THOMAS, *General Manager.* E. R. FOLEY, *Mine Foreman.*
W. J. PRITCHARD, *Superintendent.* C. C. THOMPSON, *Asst. Foreman.*

CRYSTAL COAL & COKE COMPANY.

CRYSTAL.

No. 1035. *Crystal No. 7.*—This is a drift mine, located in the mountain through No. 6 Mine. Ventilation is produced by a six-foot fan, giving ample ventilation. Coal is mined with picks. On my last inspection of this mine the largest portion of the coal was being shot from the solid, and I had several miners arrested for this dangerous practice. The coal from Nos. 6 and 7 mine is delivered to the same tipple. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.
W. H. THOMAS, *General Manager.* E. R. FOLEY, *Mine Foreman.*
W. J. PRITCHARD, *Superintendent.* C. C. THOMPSON, *Asst. Foreman.*

ENNIS COAL COMPANY.

HIAWATHA.

No. 1036. *Hiawatha.*—This is a drift mine, located on a branch line of the N. & W. R. R., known as the Widemouth Division, and is operating in the No. 3 Pocahontas seam. The roof is of a very frail nature, but the mine officials see that the places are all well timbered and a good supply of timber is always kept on hand. Ventilation is produced by a fifteen foot fan, which gives ample ventilation. Haulage is performed by mules and motors. Coal is mined by electric machines and picks. The mine is kept in a good moist condition. All necessary supplies are kept on hand as the law requires.
ED. MCQUAIL, *General Manager.* W. H. SANFORD, *Mine Foreman.*
J. P. JOHNSON, *Superintendent.*

LOUISVILLE COAL & COKE COMPANY.

GOODWILL.

No. 1037. *Klondike.*—This is a drift mine, operating in the No. 3 Pocahontas seam, and is located on Flipping Creek, about one and a half miles from Goodwill, on a branch line of the N. & W. R. R. Ventilation is produced by a five-foot fan, giving good results. This mine is all confined to pillar work and is very wet but the water is well taken care of. The coal from all of the Louisville mines is delivered at the same tipple. GEORGE SCOTT, *Mine Foreman.*

JAIRUS COLLINS, *General Manager.* GEO. MCNEW, *Asst. Mine Foreman.*

LOUISVILLE COAL & COKE COMPANY.

GOODWILL.

No. 1038. *Louisville No. 2.*—This mine is located on Flipping Creek, about one and a half miles from Goodwill, on a branch line of the N. & W. R. R. and is a drift opening, operating in the No. 3 Pocahontas seam. The roof needs very careful attention and must be well timbered. Ventilation is produced by a ten-foot fan, giving good results. Coal is mined by electric mining machines and picks. Haulage is performed by electric motors and mules. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

JAIRUS COLLINS, *General Manager.* GEORGE SCOTT, *Mine Foreman.*
J. W. KELLEY, *Asst. Foreman.*

LOUISVILLE COAL & COKE COMPANY.

GOODWILL.

No. 1039. *Goodwill.*—This mine is located on Flipping Creek, one mile from Goodwill, on a branch line of the N. & W. R. R., and is a drift mine, operating in the No. 3 Pocahontas seam. The roof needs very careful attention as it is of a very frail nature. Ventilation is produced by a twelve-foot fan, giving ample ventilation. Haulage is performed by electric motors and mules. Coal is mined by electric machines and pick. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

JAIRUS COLLINS, *General Manager.* GEORGE SCOTT, *Mine Foreman.*
BERT JOHNSON, *Asst. Foreman.*

PAWAMA COAL & COKE COMPANY.

MATOAKA.

No. 1040. *Pawama Nos. 1 & 2.*—These mines are located on the Widemouth Division of the N. & W. R. R., operating in the No. 3 Pocahontas seam. The coal is delivered from these two mines to the same tipple. Ventilation is produced by a seven-foot Sirocco fan, giving ample ventilation. This mine is always in a moist condition. A very dangerous draw slate overlays the top of the coal, which is carefully timbered up in some sections and in some sections it is taken down. Haulage is done with electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

J. H. PARROTT, *General Manager.* ED. LUCAS, *Mine Foreman.*
J. C. STRASS, *Superintendent.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

FREEMAN.

No. 1041. *Elkhorn.*—This mine is located two and one-half miles from Simmons, and is a drift opening, operating in the No. 3 Pocahontas seam, which has an average height of eight feet. The coal goes to the same tipple as the coal from the Hemlock mine, these two mines being connected and are ventilated by the same fan. Electric motors have been installed to do the main line hauling.

Drainage and timbering good. All necessary supplies are kept on hand as the law requires. The mining laws well complied with.

JAMES ELWOOD JONES, *General Manager.* WASH LILLIE, *Mine Foreman.*
R. S. WHITEHEAD, *Superintendent.* JACK COOPER, *Assistant Foreman.*
J. P. CLARK, *Assistant Superintendent.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

FREEMAN.

No. 1042. *Hemlock.*—This mine is located two and one-half miles from Simmons, on a branch line of the N. & W. R. R., and is a drift opening, operating in the No. 3 Pocahontas seam, which is about eight feet in thickness. Ventilation is produced by a twelve-foot fan, furnishing ample ventilation. Electric locomotives have been installed to do the main line hauling. This mine is on the retreat. Timbering and drainage good. The mining laws are well complied with.

JAMES ELWOOD JONES, *General Manager.* WASH LILLIE, *Mine Foreman.*
R. S. WHITEHEAD, *Superintnedent.* W. A. DAYTON, *Assistant Foreman.*
J. P. CLARK, *Assistant Superintendent.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

McCOMAS.

No. 1043. *Sagamore.*—This is a drift mine, located on the Crane Creek Branch of the N. & W. R. R., operating in the No. 3 Pocahontas seam, with an average heighth of about five feet. Ventilation is produced by a twelve-foot fan, giving good results. The coal is mostly cut with machines of the Jeffrey type. Haulage is done with electric motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAMES ELWOOD JONES, *General Manager.* E. E. EVANS, *Mine Foreman.*
J. C. BALDWIN, *Superintendent.* T. D. MATHEWS, *Assistant Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

McCOMAS.

No. 1044. *Sagamore No. 2.*—This is a drift mine, operating in the No. 3 Pocahontas seam. This mine is connected with Sagamore mine and ventilated with the same fan, the coal being hauled to the same tipple. Haulage is done with electric motors. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

JAMES ELWOOD JONES, *General Manager.* E. E. EVANS, *Mine Foreman.*
J. C. BALDWIN, *Superintendent.* T. D. MATHEWS, *Assistant Foreman.*

MILL CREEK COAL & COKE COMPANY.

COOPERS.

No. 1045. *Coaldale.*—This mine is located on the main line of the N. & W. R. R., and is a drift mine, operating in the Pocahontas seam No. 3. This mine is on the retreat, giving employment to twenty-seven men on the inside. On account of the high coal and the frail roof the work is dangerous. Ventilation is produced by a nine-foot fan, located on the West Fork side. Haulage is done by mules and motors.

W. H. THOMAS, *General Manager.* J. W. JOHNSON, *Mine Foreman.*
C. E. F. BERNLEY, *Superintendent.* W. A. YOUNG, *Assistant Mine Foreman.*

MILL CREEK COAL & COKE COMPANY.

COOPERS.

No. 1046. *Tug River.*—This mine is located on the head waters of Tug River, and is a drift opening, operating in the No. 3 Pocahontas seam, which is ten feet thick, two feet of which is left up to support the roof, as the over laying strata is of a very frail nature. Ventilation is produced by a ten foot fan, giving ample ventilation. Timbering and drainage good. All other requirements of the law are well complied with.

W. H. THOMAS, *General Manager.*
C. E. F. BERNLEY, *Superintendent.*
W. J. JOHNSON, *Mine Foreman.*
TOAB NICEWANDER, *Asst. Mine Foreman.*
R. L. BOON, *Asst. Mine Foreman.*

MILL CREEK COAL & COKE COMPANY.

COOPERS.

No. 1047. *West Fork.*—This is a drift mine, located on the main line of the N. & W. R. R. about one mile from Coopers, and is operating in the No. 3 Pocahontas seam. It is confined to pillar work, and on my last inspection gave employment to twelve men. The coal is nine feet thick with a bad roof, which requires careful timbering. Ventilation is produced by a nine foot fan, giving good results. The requirements of the law are well complied with.

W. H. THOMAS, *General Manager.*
C. E. F. BERNLEY, *Superintendent.*
J. W. JOHNSON, *Mine Foreman.*

SMOKELESS COAL COMPANY.

HIAWATHA.

No. 1048. *Smokeless.*—This is a drift mine, operating in the No. 3 Pocahontas seam, and located on a branch line of the N. & W. R. R., about one mile from Hiawatha. Coal is mined with electric machines and picks. Haulage is performed by mules and motors. Ventilation is produced by a twelve foot fan, giving ample ventilation. This mine is very damp. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

D. H. BARGER, *General Manager.*
P. L. VEST, *Superintendent.*
C. L. HUFF, *Mine Foreman.*

SOLVAY COAL COMPANY.

SPRINGTON.

No. 1049. *Spring.*—This is a drift mine, located on the Widemouth Division of the N. & W. R. R., and is operating in the No. 3 Pocahontas seam, with a frail roof, requiring very careful attention. Ventilation is produced by a fifteen foot fan. Haulage is performed by mules and motors. Coal is mined with machines and picks. This mine is kept in a moist condition. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

A. B. ROWAN, *General Manager.*
D. C. BOAG, *Superintendent.*
D. W. FRANKLIN, *Mine Foreman.*

THOMAS COAL COMPANY.

McCOMAS.

No. 1050. *Thomas No. 1.*—This is a drift mine, located at the head of Crane Creek, on a branch line of the N. & W. R. R., and is operating in the No. 3 Pocahontas seam. Ventilation is produced by an eighteen foot fan, furnishing ample ventilation throughout the mine. This mine is always in a moist condition. Haulage is performed by electric motors and mules. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

W. H. THOMAS, *General Manager.*
W. J. PRITCHARD, *Superintendent.*
TOM LUKE, *Mine Foreman.*
LUKE GRAHAM, *Asst. Foreman.*

THOMAS COAL COMPANY.

GIATTO.

No. 1051. *Thomas No. 2.*—This is a drift mine, operating in the same lease as No. 1 Mine, located on Widemouth Creek, two miles from Giatto, and operating in the No. 3 Pocahontas seam, which is five feet in height. Drainage is good. Coal is mined with hand picks. Haulage is done with motors and mules. The roof is of a frail nature but it kept well timbered. All necessary supplies kept on hand as the law requires. A new fan and tipple has been installed during the previous year.

W. H. THOMAS, *General Manager.* E. M. WATTS, *Mine Foreman.*
W. J. PRITCHARD, *Superintendent.*

TURKEY GAP COAL COMPANY.

DOTT.

No. 1052. *Wenonah Nos. 1 & 2.*—These mines are drift openings operating in the No. 3 Pocahontas seam, and are located on the Widemouth Division of the N. & W. R. R. Ventilation is produced by a sixteen foot fan, giving ample ventilation. The coal is mined by electric motors and picks. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

E. J. MCQUAIL, *General Manager.* ROBERT MAHONEY, *Mine Foreman.*
DANIEL FRAZER, *Superintendent.*

TURKEY GAP COAL COMPANY.

DOTT.

No. 1053. *Wenonah No. 3.*—This mine is part of the same lease as Nos. 1 and 2 Mines, and is operating in the No. 3 Pocahontas seam. Ventilation is produced by an eight foot fan, giving ample ventilation. Haulage is performed by motors and mules. Coal is mined with electric machines and picks. Roof, timbering and drainage good. All necessary supplies are kept on hand as the law requires.

E. J. MCQUAIL, *General Manager.* J. L. PERDUE, *Mine Foreman.*
DANIEL MORRIS, *Superintendent.*

WEYANOKE COAL & COKE COMPANY.

LOWE.

No. 1054. *Elihu.*—This is a drift mine, operating in the same lease as the Weyanoke mine, and delivers its coal to the same tipple. This mine is always in a good moist condition. The coal is mined with machine and hand picks. Haulage is performed with motors and mules. Ventilation is produced by a five foot fan, giving ample ventilation. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

R. D. PATTERSON, *General Manager.* J. C. WOODYARD, *Mine Foreman.*
J T. MORRIS, *Superintendent.* W. M. WRIGHT, *Asst. Foreman.*

WEYANOKE COAL & COKE COMPANY.

LOWE.

No. 1055. *Weyanoke.*—This is a drift mine, located on the Widemouth Division of the N. & W. R. R., and is operating in the No. 3 Pocahontas seam. Ventilation is produced by a twelve foot fan, giving ample ventilation. This mine is kept in a good moist condition by the use of salt and water. Haulage is performed by motors. Drainage and timbering good. All necessary supplies are kept on hand as the law requires.

R. D. PATTERSON, *General Manager.* J. C. WOODYARD, *Mine Foreman.*
J. T. MORRIS, *Superintendent.* C. M. CORDER, *Asst. Foreman.*

RALEIGH COUNTY.

BAILY WOOD COAL COMPANY.

MCALPIN.

No. 1056. *Baily Wood No. 1.*—This is a drift opening, is located on Wood Bay, on the Winding Gulf branch of the Virginian Railway, eighteen miles from Mullens, and is operated in the Beckley seam. Ventilation is produced by a ten-foot fan, divided into two separate splits, giving ample ventilation. Most of the coal is mined with hand picks. Haulage is being done by electric motors and mules. During the last year quite a number of improvements have been installed. Timber and drainage good. All necessary supplies are kept on hand as the law requires.

THOS. NICHOL, *General Manager.* C. B. BRYANT, *Mine Foreman.*
J. C. BAKER, *Superintendent.*

GULF COAL COMPANY.

HOTCOAL.

No. 1057. *Beaver.*—This mine is located on the Winding Gulf branch of the Virginian Railway, and is a drift mine, operating in the Beckley seam. Ventilation is produced by a six-foot fan, giving ample ventilation. Drainage and timbering in good condition. All necessary supplies are kept on hand as the law requires.

W. P. TAMS, *General Manager.* O. WILLIAMS, *Mine Foreman.*
W. H. RUBY, *Superintendent.*

GULF COAL COMPANY.

HOTCOAL.

No. 1058. *Gulf.*—This mine is located on the Winding Gulf branch of the Virginian Railway, and is a drift opening. operating in the Beckley seam. Coal is mined by hand picks. Haulage is performed by electric motors and mules. Timbering and drainage are in a good condition. All other necessary supplies are kept on hand as the law requires. Ventilation is produced by a five-foot fan, giving ample ventilation.

W. P. TAMS, *General Manoger.* O. WILLIAMS, *Mine Foreman.*
W. H. RUBY, *Superintendent.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1059. *Tams No. 1.*—This is a drift mine, located on the Winding Gulf branch of the Virginian Railroad, thirteen miles from Mullens, and is operating in the Beckley seam. Ventilation is produced by a six-foot fan, giving good results. Coal is undercut by pick mining. Haulage is performed by electric motors and mules. Timber and drainage good. All necesary supplies are kept on hand to meet the requirements of the law.

W. P. TAMS, *General Manager.* ADAM LINDLEY, ***Mine Foreman.***
ANDY CHAMBERS, *Asst. Mine Foreman.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1060. *Tams No. 2.*—This is a drift mine, operating in the Beckley seam, and is located on the Winding Gulf branch of the Virginian Railway, thirteen miles from Mullens. It delivers its coal to the same tipple as No. 1 Mine. The coal is mined with picks. Haulage is performed by electric motors and mules. Ventilation is produced by a six-foot fan, giving good results. Timber and drainage good. All necessary supplies are kept on hand as the law requires.

W. P. TAMS, *General Manager.* ADAM LINDLEY. *Mine Foreman.*
ANDY CHAMBERS, *Asst. Mine Foreman.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1061. *Tams No. 3.*—This is a drift mine. operating in the Beckley seam. It also delivers its coal to the same tipple as Nos. 1 & 2 mines. Coal is mined with picks. Haulage is performed with motors. Timber and drainage good. All necessary supplies are kept on hand as the law requires. Ventilation is produced by a six-foot fan, giving good results.

W. P. TAMS, *General Manager.* ADAM LINDLEY, *Mine Foreman.*
ANDY CHAMBERS, *Asst. Mine Foreman.*

LYNWYN COAL COMPANY.

WINDING GULF.

No. 1062. *Lynwin No. 1.*—This mine is located on Winding Gulf, twenty-one miles from Mullens, on the Virginian Railway, and is a drift mine, operating in the Beckley seam. Ventilation is produced by a seven-foot fan, giving ample ventilation. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

P. C. LYNCH, *General Manager.* W. J. DIXON, *Mine Foreman.*
E. J. FLANNAGAN, *Superintendent.*

MacALPIN COAL COMPANY.

MCALPIN.

No. 1063. *MacAlpin Nos 1 & 2.*—These are drift mines, located on the Winding Gulf branch of the Virginian Railway, and operating in the Beckley seam, producing a daily output of about 2000 tons per day. Ventilation is produced by a Clifford Capell fan, eighteen feet in diameter, giving good results. Roof, timbering and drainage good. Haulage is performed by electric motors. During last year a first-class machine shop has been erected at the mines. All necessary supplies are kept on hand as the law requires. The coal from these two mines is dumped at the same tipple.

JOHN LAING, *General Manager.* W. A. GILCHRIST, *Mine Foreman.*
A. W. LAING, *Superintendent.*

PEMBERTON COAL & COKE COMPANY.

HOTCOAL.

No. 1064. *Big Stick.*—This is a drift mine, located on the Winding Gulf branch of the Virginian Railway, and operating in the Beckley seam. The coal is mined with picks. Haulage is performed by mules and motors. Ventilation is produced by a ten-foot fan, giving good results. Timbering and drainage good. All necessary supplies are kept on hand as the law requires.

D. PHILLIPS, *General Manager.* C. A. CONNERS, *Mine Foreman.*
G. H. HETTERLINGER, *Superintendent.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1065. *Stotesbury No. 3.*—This is a drift mine, located on the Winding Gulf branch of the Virginian Railroad, sixteen miles from Mullens, and is operated in the Beckley seam, which is from four to six feet in thickness. Ventilation is produced by a six-foot fan, giving good results. Timber and drainage good. All requirements of the law are complied with.

E. E. WHITE, *General Manager.* J. E. VIRGIN, *Mine Foreman.*
C. R. STAHL, *Superintendent.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1066. *Stotesbury No. 5.*—This is a drift mine, located on the Winding Gulf branch of the Virginian Railroad, sixteen miles from Mullens, and is operated in the

Beckley seam, which is from four to six feet in height. Haulage is done by electric motors. Ventilation is produced by a six-foot fan, giving good results. Timber and drainage good. All necessary supplies are kept on hand as the law requires.

E. E. WHITE, *General Manager.* J. E. VIRGIN, *Mine Foreman.*
C. R. STAHL, *Superintendent.* W. M. HARDY, *Fire Boss.*
S. W. BRYANT, *Fire Boss.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1067. *Stotesbury No. 6.*—This is a drift mine, operating in the Beckley seam, and is chiefly mined with machines. Haulage is performed by electric motors. Ventilation is produced by a six-foot fan, giving good results. Timber and drainage good. All necessary supplies are kept on hand as the law requires. The coal from this mine goes to the same tipple as Nos. 3 and 5 mines.

E. E. WHITE, *General Manager.* H. E. ROBERTS, *Mine Foreman.*
C. R. STAHL, *Superintendent.*

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1068. *No. 1.*—This mine is located on the headwaters of the Winding Gulf, on the Winding Gulf branch of the Virginian Railway, twenty-one miles from Mullens, and is a drift mine, operating in the Beckley seam. Ventilation is produced by a sixteen-foot fan, Clifford and Cappell type, giving ample ventilation. Timbering and Drainage good. The mining laws are well complied with.

GEORGE WOLFE, *General Manager.* A. P. BURDISS, *Mine Foreman.*
F. M. COOK, *Superintendent.*

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1069. *No. 2.*—This is a shaft and slope mine, located on the C. & O. R. R. on the east fork of the Winding Gulf branch, and is operating in the the Beckley seam. Ventilation is produced by two five-foot fans installed inside this mine, which gives ample ventilation. Timber and drainage good. All necessary supplies are kept on hand and the mining law well complied with.

GEORGE WOLFE, *General Manager.* JOHN HANCOCK, *Mine Foreman.*
F. M. COOK, *Superintendent.*

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1070. *No. 3.*—This is a slope mine, located across the ravine from No. 1 mine, and is operating in the Beckley seam. Only a few men were employed at this mine, and at my last inspection they were installing an electric hoist and erecting a new tipple which will be an advantage to this mine when complete.

GEORGE WOLFE, *General Manager.* A. P. BURDISS, *Mine Foreman.*
F. M. COOK, *Superintendent.*

ELEVENTH DISTRICT.

GENERAL SUMMARY FOR THE ELEVENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Mc Dowell (Part)	57	36	2,313	1,669	183	1,964	6,129	1,335	385	1,720	7,849	6,569,431	382,007
Totals	57	36	2,313	1,669	183	1,964	6,129	1,335	385	1,720	7,849	6,569,431	382,007

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE ELEVENTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL COUNTY			
Black Wolf Coal & Coke Co.	Black Wolf	10-28-14	L. Blenkinsopp
Black Wolf Coal & Coke Co.	Black Wolf	4- 8-15	L. Blankenship
Bottom Creek Coal & Coke Co.	No. 1	8-31-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 1	9- 1-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 2	9- 2-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 1	11- 9-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 2	11-10-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 1	11-30-14	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 1	11-30-14	Isaac Murray
Bottom Creek Coal & Coke Co.	No. 1	2- 4-15	L. Blenkinsopp
Lottom Creek Coal & Coke Co.	No. 2	2- 5-15	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 1	4-14-15	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 2	4-15-15	L. Blenkinsopp
Bottom Creek Coal & Coke Co.	No. 2	6-18-15	L. Blenkinsopp
Carter Coal Co.	Olga	4-28-15	L. Blenkinsopp
Carter Coal Co.	Olga	5- 5-15	P. P. Kerr
Carter Coal Co.	Olga	5- 5-15	L. Blenkinsopp
Certer Coal Co.	Olga	5- 5-15	Isaac Murray
Carter Coal Co.	Olga	5-24-15	L. Blenkinsopp
Carter Coal Co.	Olga	6- 2-15	P. P. Kerr
Carter Coal Co.	Olga	6-28-15	P. P. Kerr
Carter Coal Co.	Olga	6-28-15	Isaac Murray
Central Pocahontas Coal Co.	No. 1	10-29-14	L. Blenkinsopp
Central Pocahontas Coal Co.	No. 2	10-29-14	L. Blenkinsopp
Central Pocahontas Coal Co.	No. 2	1-28-15	L. Blenkinsopp
Central Pocahontas Coal Co.	No. 1	6- 3-15	L. Blenkinsopp
Cirrus Coal & Coke Co.	No. 2	8-21-14	L. Blenkinsopp
Cirrus Coal & Coke Co.	Cirrus	11- 4-14	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 1	10- 1-14	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 2	10- 2-14	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 2	12-22-14	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 1	12-23-14	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 2	4-22-15	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 1	4-23-15	L. Blenkinsopp
Davy-Pocahontas Coal Co.	No. 1	5- 6-15	L. Blenkinsopp
Empire Coal & Coke Co.	Empire	8-28-14	L. Blenkinsopp
Empire Coal & Coke Co.	Empire	1- 1-15	L. Blenkinsopp
Empire Coal & Coke Co.	Empire	3-23-15	L. Blenkinsopp
Empire Coal & Coke Co.	Empire	5-31-15	L. Blenkinsopp
Eureka Coal & Coke Co.	Eureka	8- 5-14	L. Blenkinsopp
Eureka Coal & Coke Co.	Eureka	12-10-14	L. Blankensopp
Eureka Coal & Coke Co.	Eureka	2-23-14	L. Blenkinsopp
Eureka Coal & Coke Co.	Eureka	5-28-15	L. Blenkinsopp
Hemphill Colliery Co.	Hemphill	11- 2-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	7- 9-14	L. Blankinsopp
Houston Collieries Co.	Hugar	7-10-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	7-28-14	Isaac Murray
Houston Collieries Co.	Hugar	7-29-14	Isaac Murray
Houston Colliereis Co.	Hugar	8-18-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	8-19-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	8-27-14	Isaac Murray
Houston Collieries Co.	Hugar	8 28-14	Isaac Murray
Houston Collieries Co.	Carswell Shaft	9- 3-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	9-21-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	9-22-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	10-12-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	10-13-14	L. Blenkinsopp
Houston Collieries Co.	Carswell Shaft	10-20-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	10-28-14	Isaac Murray
Houston Collieries Co.	Hugar	10-29-14	Isaac Murray
Houston Collieries Co.	Hugar	11-12-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	11-13-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	11-25-14	Isaac Murray
Houston Collieries Co.	Hugar	11-28-14	Isaac Murray
Houston Collieries Co.	Carswell Shaft	12- 7-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	12-15-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	12-16-14	L. Blenkinsopp
Houston Collieries Co.	Hugar	12-30-14	Isaac Murray
Houston Collieries Co.	Hugar	1-12-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	1-28-15	Isaac Murray
Houston Collieries Co.	Hugar	1-29-15	Isaac Murray
Houston Collieries Co.	Carswell Shaft	1-29-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	2-16-15	L. Blenkinsopp

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL CO.—Continued			
Houston Collieries Co.	Hugar	2-17-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	2-23-15	Isaac Murray
Houston Collieries Co.	Hugar	2-24-15	Isaac Murray
Houston Collieries Co.	Hugar	3- 2-15	Isaac Murray
Houston Col'ieries Co.	Hugar	3- 2-15	L. Blenkinsopp
Houston Collieries Co.	Carswell Shaft	3-12-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	3-25-15	Isaac Murray
Houston Collieries Co.	Hugar	3-26-15	Isaac Mnrray
Houston Collieries Co.	Hugar	4-12-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	4-13-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	4-28-15	Isaac Murray
Houston Collieries Co.	Hugar	4-29-15	Isaac Murray
Houston Collieries Co.	Hugar	5-17-15	L. Blenkinsopp
Houston Collieries Co.	Carswell Shaft	5-21-15	L. Blenkinsopp
Houston Collieries Co.	Hugar	5-26-15	Isaac Murray
Houston Collieries Co.	Hugar	5-27-15	Isaac Murray
Houston Collieries Co.	Hugar	6-10-15	L. Blenkinsopp
Houston Collieries Co.	Carswell Shaft	6-15-15	L. Blenkinsopp
Houston Coal & Coke Co.	No. 2	9- 4-14	L. Blenkinshipp
Houston Coal & Coke Co.	No. 1	9- 7-14	L. Blenkinsopp
Houston Coal & Cok Co.	No. 1	12-28-14	L. Blenkinsopp
Houston Coal & Coke Co.	No. 2	12-29-14	L. Blenkinsopp
Houston Coal & Coke Co.	No. 1	4-26-15	L. Blenkinsopp
Houston Coal & Coke Co.	No. 2	4-27-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 1	9-28-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 2	9-29-14	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 2	1- 7-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 1	1- 8-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 1	3-18-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 2	3-22-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 2	6-21-15	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 1	6-28-15	L. Blenkinsopp
Keystone Coal & Coke Co.	Virginia	12- 4-14	L. Blenkinsopp
Keystone Coal & Coke Co.	Virginia	3-17-15	L. Blenkinsopp
Keystone Coal & Coke Co.	Virginia	3-21-15	L. Blenkinsopp
Keystone Coal & Coke Co.	Virginia	5-20-15	L. Blenkinsopp
King Coal Co., The	King	7-27-14	L. Blenkinsopp
King Coal Co., The	King	7-28-14	L. Blenkinsopp
King Coal Co., The	King	11-19-14	L. Blenkinsopp
King Coal Co., The	King	11-20-14	L. Blenkinsopp
King Coal Co., The	King	12- 2-14	Isaac Mnrray
King Coal Co., The	King	12- 2-14	L. Blenkinsopp
King Coal Co., The	King	12- 3-14	L. Blenkinsopp
King Coal Co., The	King	12- 3-14	Isaac Murray
King Coal Co., The	King	2- 2-15	L. Blenkinsopp
King Coal Co., The	King	3-30-15	L. Blenkinsopp
Lake Spperior Coal Co.	No. 1	7-14-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 2	7-15-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	8-20-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	9-23-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 2	9-23-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	10-14-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	11-16-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	12- 4-14	Isaac Murray
Lake Superior Coal Co.	No. 2	12-11-14	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	12-17-14	L. Blenkinsopp
Lake Superior Coal Co.	Superior	12-31-14	Isaac Murray
Lake Superior Coal Co.	No. 1	1-20-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	2- 1-15	Isaac Murray
Lake Superior Coal Co.	No. 1	2-18-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 2	2-24-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	2-26-15	Isaac Murray
Lake Superior Coal Co.	No. 1	3-11-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	3-31-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	3-31-15	Isaac Murray
Lake Superior Coal Co.	No. 1	4-20-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	5- 3-15	Isaac Murray
Lake Superior Coal Co.	No. 1	5-18-15	L. Blenkinsopp
Lake Snperior Coal Co.	No. 2	5-19-15	L. Blenkinsopp
Lake Superior Coal Co.	No. 1	5-28-15	Isaac Murray
Lake Superior Coal Co.	No. 1	6-11-15	L. Blenkinsopp
Lynchburg Coal & Coke Co.	Lynchburg	10- 8-14	L. Blenkinsopp
Lynchbnrg Coal & Coke Co.	Lynchburg	2- 9-15	L. Blenkinsopp
Lynchburg Coal & Coke Co.	Lynchburg	5- 4-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco	7-24-14	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco	9-24-14	L. Blenkinsopp

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL CO.—Continued			
New River & Pocahontas Cons. Coal Co.	Havaco.	10-26-14	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	10-30-14	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	11-18-14	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	11-24-14	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	12-18-14	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	12-28-14	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	1-19-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	1-27-15	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	2-15-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	2-22-15	Isaac Murray
New River & Pacahontas Cons. Coal Co.	Havaco.	4- 1-15	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	4- 1-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	4-26-15	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	5-14-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	5-24-15	Isaac Murray
New River & Pocahontas Cons. Coal Co.	Havaco.	6-16-15	L. Blenkinsopp
New River & Pocahontas Cons. Coal Co.	Havaco.	6-29-15	Isaac Murray
Oregon Coal Co.	No. 2.	8-27-14	L. Blenkinsopp
Oregon Coal Co.	No. 3.	8-27-14	L. Blenkinsopp
Oregon Coal Co.	No. 2.	1- 4-15	L. Blenkinsopp
Oregon Coal Co.	No. 3.	1- 4-15	L. Blenkinsopp
Oregon Coal Co.	No. 2.	3-26-15	L. Blenkinsopp
Oregon Coal Co.	No. 3.	3-26-15	L. Blenkinsopp
Page Coal & Coke Co.	Nos. 1 & 3.	7-23-14	L. Blenkinsopp
Page Coal & Coke Co.	No. 2.	9- 8-14	L. Blenkinsopp
Page Coal & Coke Co.	Nos. 1 & 3.	2-19-15	L. Blenkinsopp
Page Coal & Coke Co.	No. 2.	2-27-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 3.	7- 6-14	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2.	7- 7-14	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 1.	7- 8-14	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 1.	10-15-14	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 3.	10-16-14	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2.	10-19-14	L. Blenkinsopp
Peerless Coal & Coke Co.	East & West	1-25-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2.	1-26-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 1.	3-24-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2.	3-25-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 1.	6-29-15	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2.	6-30-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-8.	8- 3-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-1.	8- 4-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-4.	8- 4-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 8-1.	10-21-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 8 D off No. 8.	10-21-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 7-5 off No. 7	10-22-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 7-1 off No. 7	10-22-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-1 No. 6	12- 8-14	L. Blankensopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-4 No. 6	12- 8-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-8 No. 6.	12- 9-14	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 7-1.	1-27-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 7-5.	1-27-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 8-1 off No. 8	3-16-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 7-1 off No. 8	3-16-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-1.	5-10-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-4.	5-10-15	L. Blenkinsopp
Pocahontas Cons. Collieries Co., Inc.	No. 6-8.	5-11-15	L. Blenkinsopp
Pocahontas Smokeless Coal Co.	Slick Rock.	9-30-14	L. Blenkinsopp
Pocahontas Smokeless Coal Co.	Slick Rock.	2- 6-15	L. Blenkinsopp
Pocahontas Smokeless Coal Co.	Slick Rock.	5-25-15	L. Blenkinsopp
Powhatan Coal & Coke Co.	East & West	10- 7-14	L. Blenkinsopp
Powhatan Coal & Coke Co.	Powhatan.	2- 8-15	I. Blenkinsopp
Powhatan Coal & Coke Co.	Powhatan.	5- 3-15	L. Blenkinsopp
Pulaski Iron Company	Nos. 1 & 3.	7-30-14	L. Blenkinsopp
Pulaski Iron Company	No. 2.	7-30-14	L. Blenkinsopp
Pulaski Iron Company	No. 2.	10-23-14	L. Blenkinsopp
Pulaski Iron Company	Nos. 1 & 2.	2-22-15	L. Blenkinsopp
Pulaski Iron Company	No. 2.	5-26-15	L. Blenkinsopp
Shawnee Coal & Coke Co.	Shawnee.	7-29-14	L. Blenkinsopp
Shawnee Coal & Coke Co.	Shawnee.	11-23-14	L. Blenkinsopp
Shawnee Coal & Coke Co.	Shawnee.	2-11-15	L. Blenkinsopp
Shawnee Coal & Coke Co.	Shawnee.	5-27-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas.	7-13-14	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas.	7-27-14	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas.	8-17-14	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas.	8-31-14	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas.	9-12-14	L. Blenkinsopp

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL CO.—Continued			
Standard Pocahontas Coal Co.	Standard Pocahontas	10- 9-14	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	10-27-14	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	11-11-14	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	11-23-14	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	12-14-14	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	12-29-14	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	1-11-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	1-26-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	2-12-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	2-25-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	3- 1-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	3- 1-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	3-30-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	4- 9-15	L. Blenkinsopp
Standarh Pocahontas Coal Co.	Standard Pocahontas	4-27-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	5-13-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	5-25-15	Isaac Murray
Standard Pocahontas Coal Co.	Standard Pocahontas	6- 9-15	L. Blenkinsopp
Standard Pocahontas Coal Co.	Standard Pocahontas	6-30-15	Isaac Murray
Tidewater Coal & Coke Co.	Tidewater	8-24-14	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	8-25-14	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	11- 5-14	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	11- 6-14	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	12- 1-14	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	12- 1-14	Isaac Murray
Tidewater Coal & Coke Co.	Tidewater	2- 3-15	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	3-29-15	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	6-17-15	L. Blenkinsopp
Turkey Gap Coal & Coke Co.	Turkey Gap	9-25-14	L. Blenkinsopp
Turkey Gap Coal & Coke Co.	Turkey Gap	12-21-14	L. Blenkinsopp
Turkey Gap Coal & Coke Co.	Turkey Gap	4-16-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 2	8-26-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 9	9- 9-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 10	9-10-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 5	10- 6-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 7	10-26-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 6	10-27-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 4	11-17-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 3	12-31-14	L. Blenkinsopp
United States Coal & Coke Co.	No. 10	1- 5-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 11	1- 6-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 9	1-21-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 7	1-22-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 2	1-23-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 5	4- 2-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 3	4- 5-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 10	4- 6-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 6	4- 7-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 2	4-21-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 4	6- 4-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 7	6- 7-15	L. Blenkinsopp
United States Coal & Coke Co.	No. 9	6- 7-15	L. Blenkinsopp
Upland Coal & Coke Co.	Upland	10- 5-14	L. Blenkinsopp
Upland Coal & Coke Co.	Upland	12-30-14	L. Blenkinsopp
Upland Coal & Coke Co.	Upland	4-29-15	L. Blenkinsopp
Welch Coal & Coke Co.	Welch	11- 2-14	L. Blenkinsopp
Welch Coal & Coke Co.	Welch	3-15-15	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 2	7-21-14	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 1	7-22-14	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 2	11-24-14	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 1	11-25-14	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 2	2-25-15	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 1	2-26-15	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 2	6- 1-15	L. Blenkinsopp
West Virginia Pocahontas Coal Co.	No. 1	6- 2-15	L. Blenkinsopp

INSPECTOR'S REPORT.

LANDGRAFF, W. VA., August 31, 1916.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—

I herewith respectfully submit to you my Annual Report for the year ending June 30th, 1915.

I am pleased to report that I have received the hearty co-operation of every operator, mine official and miner in this District during the past fiscal year. Evidence of this is shown in my Report by the reduction of fatal accidents, fewer prosecutions, better discipline, all of which is largely due to the fact that mine foremen, assistants and fire bosses are required, not only by the Department, but by the operator, to do their duty as required by law. In many of the larger mines special safety inspectors have been employed to inspect districts, with not more than thirty men to each district, and who are required to visit each place not less than twice each day, and while the accident list is still too high yet in my opinion it is due largely to the slack time. For instance, when pillar work is allowed to stand for two or three days the draw slate which we have in this field becomes disintegrated and in many cases unseen by the miner and when he begins to work weakens it and it then falls on him. It will be safe to say that the mines in the Eleventh District have not worked more than 40 per cent. for the fiscal year. All of my time being occupied by the Department except a ten day vacation, which was given me last summer.

Permissible electric safety lamps have been installed in four shaft mines in the Eleventh District, where gas is given off in large quantities. Permissible powder is used absolutely in these mines in pillar work where places are dry and dusty and cannot be watered to keep them in a moist condition. Salt is being used in pillar work by some companies and I approve of the method, as it will retain moisture longer than watering by water boxes. In my opinion few mines are absolutely moist. Steam, in my opinion, is the best method, but cannot be used in bad roofs to advantage. The radiator system then comes in for any condition roof, and in three mines in this District, where this system is installed, an average of 94 per cent. moisture has been maintained during the winter months, and even at this percentage it is not sufficient to guard against a dust explosion. Another system is (but can only be adopted where motors haul) a pump mounted on a truck with hose and water box or boxes with a pipe over the top of the box which sprays roof, sides and floors and will throw water for thirty feet. The hose is dropped into water and pump pumps water into box, also pump pumps water out of box. When watering mine pump and water box are hauled by a motor. These particular mines have a watering system which is kept working continuously, making a complete round of the mines each nine days. One mine has water pipes to every place, and this is good if the system is kept up. More thought should be given to the dust proposition than is. Black powder should be abolished forever, even in non-gaseous mines. Permissible powder should be used, shots should be inspected and shot by battery and cable. It is a fact that since carbide lamps have become general less accidents have been reported from miners making up shots, but one Superintendent has said that they are a time killer, and from actual data kept by him, he says: Since installing the permissible electric safety lamps he has actually gained 10 per cent. on day labor in efficiency.

The Eleventh District has, during the two years of this administration, and under the moral support of Chief Henry, who has at all times cautioned the Inspector not to impose any unnecessary hardships on the operator, leaped to the front in sanitation, good ventilated mines, high tonnage per fatal accident, in which every operator is interested. The United States Coal and Coke Company at Gary, West Virginia, have mined 1,800,000 tons per one fatal accident. This is a world's record and should be copied by all operations. Many of the mine foremen, because he has a certificate, have stopped being a student and seldom interests himself in even reading mining matter. He should interest himself in the monthly fatal accident list which is sent to each mine, and call the attention of all officials and miners under his charge to the several ways men are killed and try to eliminate similar accidents. I am pleased to say that the fatal accidents from electric wires, high voltage and bad track have been reduced, and in some cases they have reduced the voltage from 500 to 250 volts. Wires are being guarded and track lined up, and in many cases 60 pound steel rails put on main line. Nearly all mines in this district are well lighted up by electric lights and a light placed at all switches. These lights at the switches help the brakemen. Many brakemen have been killed by jumping off trip to change the switch in the dark and have been run over and killed. Had there been lights at these switches these accidents would probably not have occurred. The greatest cause of accidents in the Eleventh District is on account of draw slate in pillar work. Pillars that have been left standing for several years where draw slate has fallen and great brows of slate hanging over coal which is disintegrated and generally gets the man on the first cut, but the latest system of modern mining extracts the pillar as soon as the roof is up its distance. Probably the best method of mining to-day is at Gary and the Empire Coal Company at Landgraff. The latter mine has driven all headings to the boundary and is now working on a retreating system. They have 70 per cent. solid coal to retreat on. The mine produces a high tonnage and no possible squeeze. The system used by the United States Coal and Coke Company is the latest and commands any tonnage they wish. They extract advancing and use no side tracks for concentration of trips. Mules in some mines have an average of 107 cars to each mule. The efficiency of the miner is from 15 to 20 tons per day per man. The coal is put on the cars the cheapest in the District. Both of these companies employ cut bosses with not more than thirty men to a cut boss. The United States Coal and Coke Company has some advantage in heighth of coal and roof conditions. It is generally understood that all mines west of Keystone and including Keystone, have bad roof conditions.

In conclusion I wish to say that it is not my purpose to impose any hardships on any operator or official, as the operator is as wide awake as I am to the conditions of their particular mine, and many safety devices have been installed both outside and inside, and I am proud of the official co-operation for the betterment of conditions, and trust our relations will be as cordial during the incoming fiscal year as they have been in the past. The field has been re-districted and I am loth to relinquish the mines from Ennis to Eckman. "Mr. Chief", I wish to express with a feeling of gratitude my appreciation for your confidence in me, your counsel, advice and assistance, which have proven very valuable in the discharge of my duties, also the many courtesies received from your office have been greatly appreciated. I wish to thank the operators, superintendents, foremen and miners for their co-operation and kind treatment during the year.

Yours very truly,
LAWSON BLENKINSOPP,
Inspector for the Eleventh District

MINES SHUT DOWN DURING THE YEAR ARE AS FOLLOWS:

Cirrus Coal & Coke Company, Big Four, W. Va., closed since November. 1914.

East Side No. 3 Mine, Peerless Coal & Coke Company, Vivian, W. Va., all year.

Number 3 Mine, Pulaski Iron Company, Eckman, W. Va., all year.

Shaft Number 1 Mine, United States Coal & Coke Company, Wilcoe, West Va., all year.

East & West No. 8 Plant, United States Coal & Coke Company, Elbert, W. Va., all year.

East Side Mine, Number 9 plant, United States Coal & Coke Company, Filbert, W. Va., all year.

Number 3 seam, No. 11 Plant, United States Coal & Coke Company, Thorpe, W. Va., all year.

Number 12 Mine, United States Coal & Coke Company, Anawalt, W. Va., all year.

Number 6-1 Mine, Number 6 Plant, Pocahontas Consolidated Collieries Company, Jenkinjones, W. Va., all year.

Number 7-1 and Number 7-5 No. 7 Plant, Pocahontas Consolidated Collieries Company, Jenkinjones, W. Va., all year.

Number 8-D Mine, No. 8 Plant, Pocahontas Consolidated Collieries Company, Jenkinjones, W. Va., all year.

NEW DEVELOPMENTS.

Houston Collieries Company Nos. 3 and 4, Pocahontas seams.

Carswell Shafts Nos. 2 and 3, Kimball, West Virginia.

Central Pocahontas Coal and Coke Company, new lease at No. 1 Mine, Anawalt, W. Va.

SYNOPSIS OF JENKINJONES, WEST VIRGINIA.

THE POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, JENKINJONES, WEST VA.

It may be well to say a few words here relative to this town and the operations surrounding it.

Three and a half years ago Mr. C. W. Atkinson, the present General Superintendent, took his ax and cleared a site for the present town of Jenkinjones.

Streets were formed in the narrow valley at the head of the Right Fork of Tug River. The river was moved to suit the town, with the channel walled for two miles. The bottom of the valley was leveled up for building sites and houses were built second to none in West Virginia, and probably the best miners' houses in the State. Each house is fenced in, and each tenant has a garden. The town is sanitary, has churches, schools and a moving picture show. While the town was being built, one house of concrete and one of wood, with wells of good water. the men were busy locating the coal and putting in drifts. There are now three plants of eight mines, capable of putting out 100,000 tons of coal per month. These mines are up to date in every respect and far exceed the requirements of the West Virginia Mining Laws.

Part of these mines are located on Harman Branch off the Right Fork of Tug River. I wish to mention the 6-1 mine off No. 6 plant. which was driven through to the Boiseevain, Pocahontas and Baby mine and graded to drain these mines, which it did and displaced 40 pumps. The town of Jenkinjones has probably 3000 inhabitants. This is a good town with good train service, a good road and Jitney service to Pocahontas, eight miles Mines are all worked by a system and have a barrier to enclose and keep them separate, except two of which have been connected for economic haulage and ventilation. Mines are all systematically watered to eliminate dust, and the dust, which I consider the most dangerous factor in a mine, is practically eliminated. I would appreciate a higher tonnage per fatal accident and it can be done if rigid discipline is enforced. However, credit is due all officials for the good general safety conditions.

A SYNOPSIS-COMPENDIUM

OF THE UNITED STATES COAL AND COKE COMPANY, CHIEF OFFICE GARY, WEST VIRGINIA, AND UNDER THE CONTROL OF COLONEL EDWARD O'TOOLE, GENERAL SUPERINTENDENT.

To begin with I may say I can hardly find words that will apply fittingly for the caliber of such a man and organization as he controls.

Two years ago or January, 1914, I was present at a banquet given to all officials of the United States Coal and Coke Company under his charge, which is customary each year. I, during this banquet, heard many eloquent addresses made by superintendents, mine foremen, engineers, managers from the field and operators outside of the United States Coal and Coke Company, who made addresses, also politicians who were present complimented Mr. O'Toole on his good discipline and safety first method. At this banquet he maintained that efficiency had not been reached and said he wanted 1,000,000 tons per fatal accident, and he has reached that point. There were men at this banquet who thought that this could not be done, but the following table will show works, number gross tons coal mined, number of fatal injuries, superintendents, mine foreman and the number of assistants for each mine.

A SYNOPSIS COMPENDIUM UNITED STATES COAL AND COKE COMPANY.

WORKS NUMBER	GROSS TONS COAL MINED	NUMBER FATAL INJURIES	SUPERINTENDENT	MINE FOREMAN	NUMBER OF ASSISTANT FOREMEN
2	210,000	None	J. M. Tulley	T. J. McParland	4
3	66,193	None	H. T. Graham	M. L. Carriger	2
4	156,096	None	A. N. Harris	A. G. Hahn	4
5	130,879	1	A. N. Harris	Mike Smith	3
6	304,529	None	Neil Friel	J. R. Hightower	6
7	222,495	None	W. P. Kearns	Elbert Dye	5
9	264,937	None	W. W. Harding	D. R. Gates	6
10	127,709	None	H. T. Graham	M. E. Maloney	4
11	135,653	None	I. H. Dunn	T. W. Reece	4
TOTAL....	1,018,491	1			38

This is probably the greatest tonnage per fatal accident in the world. Safety First is the slogan and discipline enforced.

MAIN POWER PLANT

Number of Boilers	9
Number of Generators	6
Capacity	4300 K. W.
Voltage in mines	250 Volts

MINES IDLE

Plant No. 1	Shaft	Plant No. 8	No. 4 Seam East & West Drifts
Plant No. 11	No. 3 Seam Drift	Plant No. 12	No. 3 Seam Drift
Plant No. 9	No. 4 Seam East Side Drift		

To attain high efficiency and merit, as in this case, the man Rudolph, who is assistant mine foreman in No. 7, had brought the standard of timbering up to such perfection that it reached the general office, when the following circular letter No. 561 was sent out, and read as follows:

United States Coal and Coke Company

Gary, W. Va., June 3, 1915.

To Superintendents, Mining Engineer,
Mechanical Engineer, Mine Inspector,
Mine Foreman and Assistant Mine Foreman.

Circular Letter No. 561.

Gentlemen:

On Saturday, June 5th, at 9:00 o'clock A. M. there will be a meeting of Mining Engineer, Mechanical Engineer, Mine Inspector, Superintendents, Mine Foremen and Assistant Foremen on Rudolph's Section in No. 7 mine. This meeting will be for the purpose of noting any defects that may exist there relative to the alignment in the rooms and headings, the heading and room track and switches, the timbering, building of the brattice, and the placing of the electric wires, lights and reflectors. All comments will be reported by the superintendent and other officials who will be in attendance at the superintendents meeting in my office on the following Wednesday, June 9th. Each superintendent will turn in the names of the people from his operation in attendance at this meeting. No excuse will be accepted for failure to attend the meeting.

Very truly yours,

E. O'TOOLE,

General Superintendent.

I wish to say I visited this mine and section a week later and in my opinion it was the most perfect timbering I have ever seen in my life. The rooms were lit up at the face, and men loaded their coal by them, by three 32 c. p. lamps with a light at switch heading, and which showed the timber to be in perfect line, straight, and equally spaced. The timber is set by the miner from a center line which is "Paint on roof" and extended by the assistant foreman before he leaves that evening for home.

All the mines of this Company are working advance robbing which includes chain pillars and stumps. The system does away with making side tracks for concentration of trips. The heading being used for this. Mules haul only the length of room with a daily haulage capacity per car per mule of from 90 to 107 cars per day or 333 to 395 tons per mule per day. All mines are lighted up by electricity from the drift mouth to the working face, and it is not necessary for a person to carry a lamp. Coal is all shot by the cut boss or assistant foreman in his district. Permissible powder is used and is kept in a hole cut in the coal 100 feet from face and caps are kept separate and fifty feet from the powder. Shots are all inspected before shot. Clay is used for tamping. All refuse is measured in solid then measured in gob. Cut bosses, Assistant Foremen and Foremen are merited or de-merited as per certain rules. A certain merit adds $15.00 to cut bosses and $25.00 to Foremen. All the foremen, assistant foremen or cut bosses are now on a merit base except one mine. The No. 6 mine, during the hard times 1914-1915 opened up a Restaurant inside the mine for the employees where meals were served hot for a very nominal fee. The writer has had dinner in this mine on several occasions. I may say that these mines are visited by men from all over the United States and Foreign Countries. The greatest courtesy is shown visitors. I have been asked by Colonel O'Toole if there is any lack of compliance of the law in any mine of the United States Coal and Coke Company under his jurisdiction. I am pleased to say there is not, and I have always found their rules and the law lived up to the letter, and I may add that each mine has a First Aid Corps. Too much praise cannot be given Colonel O'Toole and his wonderful organization.

COLONEL EDWARD O'TOOLE, *General Superintendent.*
HOWARD N. EAVENSON, *Consulting Engineer.*
J. L. MULLINS, *Inspector.*

General Office.
Gary, W. Va.

McDOWELL COUNTY.

BLACK WOLF COAL & COKE COMPANY.

DEARING.

No. 1101. *Black Wolf Nos. 1 & 2.*—These mines are located thirteen miles southeast of Welch, on Tug Fork Branch of the Norfolk & Western Railway, and are operating the Pocahontas No. 4 seam, five and one-half feet thick. During this depression the method of working this mine is different from any other in the District. The seam carries a "Rash" above seam of coal five to ten feet thick. Very little timber is used and they let this Rash stand up as long as it will and when it comes down, (it gives lots of warning), they clean it up. Coal is all cut by machine and concentrated to side tracks by mules, then to outside by electric locomotive where it is picked up again by a large electric locomotive and hauled two and a quarter miles on tram road down a 5% grade to tipple. Ventilation is produced by an eighteen foot fan running 60 R. P. M. and producing 70,000 cubic feet P. M. I have never seen any gas in this mine and it has always been in a fairly moist condition. Permissible powder was used for a time when they went back to black powder. During the year a system of overcasts was put in and the ventilation improved. The drainage is good. The records show one fatal accident in this mine. The mine employs 50 to 60 men and has a daily tonnage of 500 tons per day. All supplies are kept on hand as provided by law. I had occasion to prosecute two miners for solid shooting after they had been instructed not to do so by the Mine Foreman. This mine has worked less than half time.

MORRIS WATTS, *General Manager.*
S. A. BRALLEY, *Superintendent.*
HARRY FITZGIBBEN, *Mine Foreman.*
W. H. WHALEN, *Assistant Foreman.*
L. W. VICKERS, *Electrician.*

BOTTOM CREEK COAL & COKE COMPANY.

VIVIAN.

No. 1102. *Number 1.*—This is a large mine, well developed, located nine miles east of Welch, on the Norfolk & Western Railway and operates the Pocahontas No. 3 seam, six feet thick. Part machine and part pick work. The system is to form panels to an assumed boundary, then retreat with the rooms. Under the old system the mine had a bad squeeze and a possible loss of 40% will be suffered in this respect. There is recorded one fatal accident. The mine has been improved considerably and is being further improved by driving four extra air courses. Several hundred cars of refuse and debris have been loaded off the haulage roads during the year, and at this time the mine is in a sanitary condition. The coke ovens at present are abandoned. A new modern tipple has been built during the year which has a capacity of 3,000 tons per day. The coal is gathered and concentrated by mules and gathering locomotives, then hauled to tipple by two 15-ton electric locomotives. No solid shooting is allowed and permissible powder is used in pillars, and clay for tamping. The mine generates gas but it is well taken care of. All supplies are kept on hand as required by law. On account of the depression this mine is only putting out 600 tons per day, or half its output.

S. W. PATTERSON, *General Manager.*
G. S. PATTERSON, *Secretary.*
JOHN MAURICE, *Superintnedent.*
A. W. GREER, *Foreman.*
G. E. WILSON, *Fire Boss.*
TONY LUSTRIS, *Night Foreman.*
JOHN RIPPY, *Entry Boss.*

BOTTOM CREEK COAL AND COKE COMPANY.

VIVIAN.

No. 1103. *Number 2.*—This mine is located nine and one-half miles east of Welch, on the main line of the Norfolk & Western Railway, and operates the Pocahontas No. 3 seam, five and one-half feet thick. This is a machine mine and is laid off in Panels. Coal is gathered by mules, then hauled by electric locomotive to tipple. The mine is clear of fatal accidents due to the constant vigilance of the mine foreman, Mr. Dillard. The mine is inclined to be dry and salt was recommended as a humidifyer in pillars, and also permissible powder for all pillar work. This mine has a disc fan six feet in diameter with 236 R. P. M. and producing 40,000 cubic feet of air with not less than 8,000 cubic feet at last cross cut. Many improvements have been made in this mine in the way of cleaning up and widening the air course. Preparations are now being made to concentrate this coal to Number One tipple, which has recently been built, and is one of the most modern tipples in the state. I have always found the law observed in every respect. This mine has only worked half time.

S. W. PATTERSON, *General Manager.*
G. S. PATTERSON, *Secretary.*
JOHN MAURICE, *Superintendent.*
C. W. DILLARS, *Mine Foreman.*
COLEMAN FRAZER, *Fire Boss.*

CENTRAL POCAHONTAS COAL COMPANY.

ANAWALT.

No. 1104. *Number 1.*—This mine is located nineteen miles southeast of Welch, on the Tug Fork Branch of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, eight feet thick. The original lease was worked out three years ago. Last July, 1914, thirty-two acres were secured adjoining the old lease, and the mine was opened up again with sixteen men, and is now developing with a tonnage of 160 tons per day. All pick work. Permissible powder is used. Coal is hauled to a plane 1,430 feet long to tipple. Ventilation is supplied by furnace which produces from nine to ten thousand cubic feet per minute and is well distributed at the faces. I found the rules and monthly accident report posted so it could be seen. Powder is kept in a hole in the rib thirty feet from exploders. This mine is recorded with one fatal accident. All supplies are kept on hand as required by law. Mine has worked nearly full time.

C. M. GATES, *General Manager.* E. T. LILLY, *Mine Foreman.*
HARRY CARPER, *Superintendent.*

CENTRAL POCAHONTAS COAL COMPANY.

ANAWALT.

No. 1105. *Number 2.*—This mine is located twenty miles southeast of Welch, on the Tug Fork Branch of the Norfolk and Western Railway and operates Pocahontas No. 3 seam, six feet thick. Roof at this mine is considered fairly good, and no fatal accidents are recorded. Ventilation is produced by a furnace which gives ample ventilation for the amount of men employed. The mine produces 150 tons per day, and as it is all in pillars, will soon be finished. Mules gather and haul the coal to an incline plane one-fourth mile long to the railroad. Mine is damp and well cared for. Permissible powder was put in this mine during the year, and coal is shot by battery. Mine has worked nearly full time.

C. M. GATES, *General Manager.* J. S. MONEY, *Mine Foreman.*
HARRY CARPER, *Superintendent.*

CIRRUS COAL & COKE COMPANY.

BIG FOUR.

No. 1106. *Cirrus No. 2.*—This mine is located six miles east of Welch, on the main line of the Norfolk and Western Railway, operates the No. 3 Pocahontas seam, and is a slope mine 360 to 450 feet long. The fan producing ventilation is twelve feet in diameter, produces 78,000 cubic feet P. M. On account of the roof conditions, which are bad, the air courses are congested, and it is at present shut down. Considerable money will have to be spent before this mine can be put in shape on account of the bad roof and falls. Pumps are being maintained to keep water out. This mine has been shut down since November, 1914, on account of the depression in business. The coal is five feet thick, and is hauled by mules and motors to bottom of slope, then by rope to tipple. No fatal accidents are recorded.

J. E. JONES, *General Manager.* J. W. SHUFFLEBERGER, *Foreman.*
R. S. WHITEHEAD, *Superintendent.* ARTHUR MITCHELL, *Fire Boss.*

CROZER COAL & COKE COMPANY.

ELKHORN.

No. 1107. *Number 1.*—This mine is located at Crozer, seventeen miles east of Welch, on the main line of the Norfolk and Western Railway, and has a mile of outside tram way from the mine to the tipple. It is operated in the Pocahontas No. 3 seam, eight feet thick, and can produce a tonnage of 2,000 tons per day. The coal is pick and machine mined, and hauled by mules and motor. Clay is used for tamping, and permissible powder is used in pillars. Ventilation is maintained by a 25-foot fan, producing 95,000 cubic feet of air P. M. The management has always been willing to co-operate with the Department and comply with all recommendations. A new mine has been opened on the opposite hill from No. 1 mine, which will be called No. 3, and a $20,000.00 bridge will be built crossing the valley to this mine. Tipple has been improved to take care of extra tonnage. All new buildings are of stone or concrete One fatal accident is recorded for this mine.

J. J. LINCOLN, *General Manager.* J. E. SMITH, *Mine Foreman.*
H. D. SMITH, *Assistant General Manager* J. W. SMITH, *Safety Inspector.*
PETE BEHAM, *Assistant Foreman.*

CROZER COAL & COKE COMPANY.

ELKHORN.

No. 1108. *Number 2.*—This mine is located at Crozer, West Virginia, seventeen miles from Welch, on the main line of the Norfolk and Western Railway, and uses the same tipple as Crozer No. 1. This mine operates the Pocahontas No. 3 seam, eight feet thick and has a tonnage of 660 tons per day. Mules and electric haulage; pick and machine mined; ventilated by a 16 ft. fan, which gives 70,000 cubic feet of air per minute; mine is free from gas, and there has been no fatal accidents at this mine during the fiscal year. The haulage roads are kept clean and free from dust, and clay is used for tamping. Stretchers and safety lamps are kept on hand as required by law. All recommendations have been complied with. The mine is well disciplined, and safety first is their motto. Solid shooting and dangerous practices are forbidden.

J. J. LINCOLN, *General Manager.*
H. D. SMITH, *Assistant General Manager.*
R. C. BRENT, *Mine Foreman.*
H. T. NICEWANDER, *Assistant Foreman.*

EMPIRE COAL & COKE COMPANY.

LANDGRAFF.

No. 1109. *Empire.*—This mine is located ten miles east of Welch., on the main line of the Norfolk and Western Railway and operates the Pocahontas No. 3 seam, six and one-half feet thick. This mine must be credited with the first modern system of mining in the Norfolk & Western field. The mine was laid out under the supervision of General Ord, General Manager and shows a great foresight in regard to the life of the mine and the economic method and high percentage of coal that is now and will be recovered. Last year an actual percentage of 95% was obtained. The mine was driven to the boundary with a main entry three miles long and fifteen side entries driven off this main, an average distance of one and one-half miles per entry to boundary. Not a room was driven off these side entries but right angled butt entries were made to form panels. All draw slate was taken down to black slate and loaded outside. All expenses for rock has been paid and the mine has 70% solid coal and is just now beginning to retreat on a long wall face, easily ventilated and all refuse left behind. The mine is split into four splits and districted into six sections, each section having its own entry foreman. Coal is gathered and concentrated to side track by mules, then to tipple by electric locomotives. Ventilation is produced by a fifteen-foot Capell fan, running 112 R. P. M. and producing 168,000 cubic feet per minute. The least quantity of air at last break-through is not less than 17,000 cubic feet. Roof is dangerous and requires strict watching and careful timbering. Each workman, when employed, is given a book of rules and the mining law in his own language and instructed that he must obey them under penalty of discharge. The mine has worked an average of four and one-half days per week during the past year. There are six entry foremen, one mine foreman, two fire bosses and a superintendent who go inside.

I have always found the management and all officials ready to co-operate with the Department. Clay is used for tamping and the coal is all pick mined. I have never found any solid shooting in this mine, and while they have strict discipline, the mine has had two fatal accidents due to falls of coal, which can be classed as carelessness on the part of the miner. This mine has the most up-to-date tipple in the field and can handle and screen 3000 tons daily. The mine is equipped with 700 mine cars and employs 225 men with a daily tonnage of 15,000 tons. Clay is used for tamping and all supplies are kept on hand at all times. A first aid kit is kept on hand and two corps of first aid men, who stand second in this field.

GENERAL W. D. ORD, *Vice-President and General Manager.*
D. W. FARQUAHARSON, *Superintendent.*
JOHN PEAK, *Mine Foreman.*
ELI PEAK, *Assistant Foreman.*
WILEY KEMP, *Assistant Foreman.*
PETE WANNCHA, *Assistant Foreman.*
WALTER PHIPPS, *Assistant Foreman.*
FRED DIXON, *Fire Boss.*
MAT LOW, *Assistant Foreman.*
Q. A. MANNIS, *Fire Boss.*
SAM NICEWANDER, *Assistant Foreman.*
GEORGE DIXON, *Track Boss—Main Line.*

EUREKA COAL & COKE COMPANY.

ECKMAN.

No. 1110. *Eureka.*—This mine is located eleven miles east of Welch and one mile up Eureka Hollow and operates the Pocahontas No. 3 seam, seven feet thick. The roof is bad and very dangerous, yet they are clear of any fatal accidents, which is largely due to the careful management of both the Superintendent and Foreman in forcing strict discipline. The miners employed at this operation have been with the company for some time and show a disposition of contentment and receive good treatment.

They have now under construction a new fan and concrete fan house. A special traveling way is provided at this mine. The fan is sixteen feet in diameter, running 95 R. P. M and producing 85,000 cubic feet P. M. A steam radiator is installed to humidify the air and during the coldest winter months they have maintained humidity at 94½%. They employ 115 men and have a tonnage of 900 tons per day. This mine has mined 462,178 tons per fatal accident. Great credit is due the officials at this mine, as the roof conditions are the worst in the field. All recommendations have been cheerfully complied with as soon as given and they have always shown co-operation with the Department. The coal is hauled and concentrated by mules, then by steam locomotive to tipple.

COL. L. E. TIERNEY, *President and General Manager.*
T. W. CHAMBERS, *Superintendent.*
T. W. FITZSIMMONS, *General Inspector.*
RONEY MATHEWS, *Safety Inspector.*
R. H. SOUTH, *Mine Foreman.*
ROY SINCOCK, *Assistant Foreman.*
JOHN RIDDLE, *Assistant Foreman.*

HOUSTON COAL & COKE COMPANY.

ELKHORN.

No. 1111. *Houston No. 1.*—This mine is located at Elkhorn, sixteen miles from Welch, on the main line of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, six feet thick. This mine is graded on main haulage roads. Fifty-six pound steel rails are laid for two and one-half miles. One fifteen ton motor handles 900 tons of coal per day. Mules are used in rooms to partings. Coal is all pick mined and clay is used for tamping. The mine is half pillar work and on account of slick roof needs no shooting. I have always found places well timbered and the law obeyed to its entirety. The same fan at No. 2 mine produces the ventilation for this mine, or about 66,500 cubic feet is its share, and is sufficient. No gas was found. Records show this mine clear of any fatal accidents. This mine also has a first aid outfit and a surgeon's office, well equipped and very sanitary.

BENJAMIN LEWIS, *General Manager.*
E. L. STAFFORD, *Superintendent.*
CHRIS KERSHAW, *Mine Foreman.*
MIKE ZULICK, *Assistant Foreman.*

HOUSTON COAL & COKE COMPANY.

ELKHORN.

No. 1112. *Houston Number 2.*—This mine is located at Elkhorn, on the main line of the Norfolk and Western, sixteen miles east of Welch, and operates the No. 3 Pocahontas seam, six feet thick. The coal is handled by mules and motors. They have a tonnage of 750 tons per day. One-half of the mine is in pillars and possibly 94% of the coal has been taken. During the year I have had nothing to complain of as the law has been complied with in all cases. A first aid outfit is kept at this mine and a special office with a surgeon's table, hot and cold water is kept ready for use at any time. Ventilation by an 8-foot Capell fan which produces 138,000 cubic feet of air, which is split into two mines. No gas was found. Clay is used for tamping, permissible powder for rock and pillars and shot by battery. All solid shooting has been eliminated. All supplies being on hand as required by the mining laws. The records show this mine to be free of fatal accidents. The coal is mined by pick.

BENJAMIN LEWIS, *General Manager.*
E. L. STAFFORD, *Superintendent.*
GEORGE GUY, *Mine Foreman.*
DAN DEENAM, *Assistant Foreman.*

HEMPHILL COLLIERY COMPANY.

WELCH.

No. 1113. *Hemphill.*—This mine is located one-half mile west of Welch, on the main line of the Norfolk and Western Railway, with tipple directly over the tracks, and is a coaling station. It operates the Welch seam, three and one-half feet thick. The miner puts the coal to next room; it is then concentrated to sidetrack and then to tipple by gasoline locomotive, where it is conveyed to railroad by monitors over a 600 foot plane. Ventilation is produced by an electric fan, producing 50,000 cubic feet per minute. Tonnage 200 tons per day, which is used for fuel for engines on the Norfolk and Western Railway. This mine is free from accident of any kind. The roof is of slate and fairly good. This mine works steady on account of furnishing coal for engines.

F. J. BAXTER, *Superintendent.* G. T. CASTLE, *Mine Foreman.*

HOUSTON COLLIERIES COMPANY.

OLMSTED.

No. 1114. *Huger.*—This is a shaft mine 190 feet deep, located two miles east of Welch, on the main line of the Norfolk and Western Railway, and operates the Pocahontas No. 4 seam, five feet thick. It is a large mine and is developed on the panel system. All entries are driven to distance to form panel when a barrier is then left and panel is extracted retreating. The roof is sandstone and takes very little timbering. The mine is moist and is humidified by steam from pumps and exhaust steam from fan. The fan producing ventilation is eighteen feet in diameter and produces 90,000 cubic feet per minute. Mine liberates gas and is faulty. Direction of entries have been changed and has a development larger than tipple can take care of. The mine is well drained, sanitation is good and the mine is inspected twice each month by myself and Mr. Murray of the 10th District, and general good conditions have been found during the year. The mine uses electric safety lamps. Permissible powder is used, shot by battery, and clay used for tamping. The management is always willing to co-operate with the department and all recommendations have been cheerfully complied with. All supplies are kept on hand as per law. This mine had two fatal accidents during the year, and has a tonnage of 900 tons per day and has averaged one-half time.

BENJAMIN LEWIS, *General Manager.*
W. W. WOOD, *General Superintendent.*
THOMAS L. LEMAN, *Underground Superintendent.*

JOHN DOWD, *Mine Foreman.*
FRED SEXTON, *Assistant Foreman.*
W. C. WALES, *Fire Boss.*
JACK LAWTON, *Fire Boss.*
JAMES BROWN, *Assistant Fire Boss.*

HOUSTON COLLIERIES COMPANY.

KIMBALL.

No. 1115. *Carswell Shaft No. 1.*—This shaft is located on Laurel Creek, one and one-half miles northwest of Kimball, and Kimball is eight miles east of Welch, and is working the Pocahontas No. 3 seam, five feet three inches thick. The mine is new and is just developing and working night and day. At present both pick and machines are being used to cut the coal and the mine is very wet. It has a dip of 4% against the loads and it is proposed to put in rope haulage. Right angle headings will be on the "Strike" and rooms in favor of load. Mine will be laid off on the panel system, and pillars extracted as rooms develop, beginning at the top of heading. Tonnage is 200 tons per day for this seam. The roof conditions are bad and all draw slate is taken down on entries to black slate. A temporary disc fan produces the ventilation and gives 25,000 cubic feet per minute on a continuous current. At the present time this mine is developing and hoisting from No. 2 or air shaft. It is proposed to put up a new modern steel tipple. All the outside buildings are of stone and brick, including all offices. Electric safety lamp house, equipped for 600 lamps, a Doctor's office and surgery, shops, power houses, and boiler house, fan houses, &c. Houses for the officials and miners, modern in every respect, are now being built. This mine is recorded with one fatal accident. The proposed system of working this mine has been very carefully studied for the life and future of the mine and differs somewhat from the panel system of other mines, and the credit is General Manager Lewis for its adoption. I have always found the officials ready to co-operate with the Department for the betterment of conditions and safety. All recommendations have been cheerfully complied with. All supplies are on hand according to law. Depth of shaft is 300 feet.

BENJAMIN LEWIS, *General Manager.* WILL PRENTICE, *Mine Foreman.*
E. L. MICHIE, *Superintendent.* JACK WOLSTEN CRAFT, *Fire Boss.*

HOUSTON COLLIERIES COMPANY.

KIMBALL.

No. 1116. *Carswell Shaft No. 3.*—This shaft is located one and one-half miles northwest of Kimball, and Kimball is eight miles east of Welch. A branch line of the Norfolk and Western Railway runs from Kimball. This shaft is 265 feet deep and is operating the No. 4 seam of the Pocahontas measure. There are three shafts and two seams. Number 3 seam air shaft also acts as air shaft for the number 4 seam. The coal is cut by machine and pick and is developing headings only. Roof is bad in this seam and mine is very wet. The water from this seam is conducted to lower or number 3 seam then pumped to surface. Coal is gathered by electric trolly locomotive and hauled to shaft. Ventilation is produced by a ten-foot Thayer disc fan, producing 42,000 cubic feet per minute. Slight traces of gas are found but is diluted by sufficient ventilation. All supplies are on hand as required by law. Coal is four and one-half feet thick and of good quality. The proposed system of working is by panel, with three entry system for butt entries and four entry system for mains. The management has always co-operated with the department. This mine is clear of fatal accidents.

BENJAMIN LEWIS, *General Manager.* WM. PRENTICE, *Mine Foreman.*
E. L. MICHIE, *Superintendent.* JACK WOLSTEN CRAFT, *Fire Boss.*

KEYSTONE COAL AND COKE COMPANY.

KEYSTONE.

No. 1117. *Number 1.*—This mine is located twelve miles east of Welch on the main line of the Norfolk and Western Railway and operates the Pocahontas No. 3 seam. It is a pick mine. Mule haulage to gather and concentrate the coal and then electric locomotives haul it to the tipple. Preparations are now being made to grade the roads and connect with new outside grade at No. 2 mine. The efficiency of the ventilation has been nearly doubled during the year by increasing the airways to two intakes and two returns. The system of mining is modern and all entries are driven up to boundary before rooms are started off, giving a high percentage of extraction. The mine is well developed and can produce a big tonnage. At present it produces 1500 tons per day. Dangerous practices are not tolerated and good discipline prevails. Houses at this mine are kept in a sanitary condition, gardening is encouraged and all facilities are given to make the miner comfortable. I have always found the mine well supplied with props. Clay for tamping and stretchers are on hand, including first aid kit. Three fatal accidents have occurred.

BENJAMIN LEWIS, *General Manager,* JAMES SMITH, *Mine Foreman.*
Elkhorn, West Virginia. JOHN HALL, *Assistant Foreman.*
A. J. STEWART, *Superintendent,* JOE PESTAL, *Assistant Foreman.*
Keystone, West Virginia. ANDY KUCHEN, *Fire Boss.*

KEYSTONE COAL AND COKE COMPANY.

KEYSTONE.

No. 1118. *Number 2.*—This mine is twelve miles east of Welch, on the main line of the Norfolk and Western Railway, and dumps its coal at same tipple as Mine Number One. It operates the Pocahontas No. 3 seam which is six and one-half feet thick. The mine is very wet. During the two years I have examined this mine there has been great improvements made beginning at the tipple a grade of two miles was excavated to the new drift, then for two miles in this mine, the main haulage road was graded to the face with a 1% grade in favor of loads, which practically drains the mine, sixty pound steel rails were laid, electric lights were installed at all switches and along the haulage ways, haulage roads are kept clean from debris, refuge holes are kept in compliance with the law, drift mouths have been concreted. The roof is shot down to black slate and wire is put up seven feet high. Roof in some places is very dangerous and needs careful watching. Wet entries liberating small quantities of water, generally liberates explosive gas from pockets which is taken care of by sufficient ventilation. Ventilation is produced by an 18 foot fan producing 106,000 cubic feet of air per minute, and is divided into the two mines. Mules gather the coal to sidetracks, then to tipple by electric locomotives. Stretchers, lamps and a first aid kit are kept on hand. This mine has a tonnage of 1,000 tons and no fatal accidents.

BENJAMIN LEWIS, *General Manager,*
Elkhorn, West Virginia.
A. J. STEWART, *Superintendent,*
Keystone, West Virginia.

T. L. SMITH, *Mine Foreman.*
LEM SMITH, *Assistant Foreman.*
T. S. CAMPBELL, *Fire Boss.*

KIMBALL POCAHONTAS COAL COMPANY.

BIG FOUR.

No. 1119. *Virginia.*—This is a small mine located six miles east of Welch, on the main line of the Norfolk and Western Railway and operates the No. 3 Pocahontas seam, five and one-half feet thick, with a dangerous roof, and has a record of one fatal accident. It has a tonnage of 150 tons per day. The ventilation has not been the best and could be improved by sinking a shaft at face of present main entries. This is a slope mine 300 feet long. During the year an electric locomotive has been installed and an electric hoist for slope. A new fan is about to be installed, but on account of poor stoppings and congested airways very little improvement will be gained. While the ventilation is not the best there has been sufficient for the few men employed. The fan is five feet in diameter, producing 18,000 cubic feet per minute. The mine is very wet and liberates explosive gas. This is one reason why a surplus of air should be at command. However, mine manager has made several improvements in and outside the mine and it is hoped the proposed shaft will be put down to improve the ventilation, or the airways cleaned up and stoppings improved. All supplies are kept on hand as required by law.

J. A. STATON, *Manager.*

G. L. SMITH, *Mine Foreman.*
W. C. TODDY, *Fire Boss.*

KING COAL COMPANY.

KIMBALL.

No. 1120. *King.*—This is a slope mine 740 feet long, located on the Norfolk and Western Railway Branch line on Laurel Creek, one mile from Kimball and nine miles east of Welch. It is a pick mine and has a daily output of 1,400 tons. Mine is well laid out on the Panel system; rooms are not turned off until Panel is formed then retreated; ventilation is produced by a 16 foot Capell fan and produces 149,000 cubic feet per minute, split in five splits and overcasted. Mine liberates gas freely, but I have always found it well diluted and no standing gas found. They use steam as a humidifier and I have always found the mine in a moist condition. The roof of this mine is dangerous and there is recorded for the mine three fatal accidents. Clay is used for tamping and no solid shooting is allowed. Permissible powder has been recommended for pillar work. A special examination was made in this mine during the year by three State Mine Inspectors and a clear report given. The mine is divided into districts and each Assistant Foreman has jurisdiction over his particular district. While, this mine has been unfortunate in having three fatal accidents, discipline is insisted on, proper timbering and a centre prop is always under draw slate, which is taken down after each cut is taken out, both in rooms and entries. Coal is gathered and concentrated by mules and electric storage, rail and electric trolley locomotives and then by large electric locomotives to slope bottom where it is hoisted by grip cable to tipple.

The improvements are all air courses and traveling ways have been cleaned up of slate falls and two new air ways have been driven from bottom of slope which gave more area and reduced the W. G. Drainage is good, having a natural fall to slope bottom where a large pump delivers it to surface. A rock tunnel has been driven to slope 600 feet long for empty cars, also a heavy insulated feed cable 1,700 feet long has been installed in slope.

COL. C. H. BOARDMAN, *General Manager.*
B. C. HYLTON, *Superintendent.*
JACK MILLINGTON, *Entry Boss.*
WM. ABBOTT, *Entry Boss.*
JACK BELLIS, *Fire Boss.*

CHARLES NUTTALL, *Mine Foreman.*
DICK MATHEWS, *Assistant Foreman.*
GEORGE BETTS, *Entry Boss.*
BILLY BEARD, *Assistant Foreman.*
ERNEST NUTTALL, *Fire Boss.*
ED. SHERWOOD, *Fire Boss.*

LAKE SUPERIOR COAL COMPANY.

SUPERIOR.

No. 1121. *Number 1.*—This is a shaft mine 248 feet deep, located three miles east of Welch on the main line of the Norfolk and Western Railway and operates the Pocahontas No. 3 seam, five feet thick. The fan producing ventilation is a Capel fifteen feet in diameter, producing 79,000 cubic feet per minute with 1¼ W. G. with three main direct splits of not less than 25,000 cubic feet to a split and twelve to fourteen thousand cubic feet at last breakthrough on all headings. The mine liberates explosive gas very freely but is taken care of. Mine is divided into three sections and has an entry foreman at each section. Each Fire Boss takes a section after examination of mine and mine can be examined in two hours. The roof in this mine is not the best and takes careful timbering. It is all machine cut and rooms are only eighteen feet wide. The cutting machine is mounted on a truck and has to cut from centre of place with road in centre. The room centres are 90 feet, and pillars are left in on account of upper seam not yet having been extracted, at least all room pillars on north and east entries are left, while south side can be extracted as soon as rooms are driven up. This mine, during the year, has changed its entire system of direction of rooms and entries to the reverse. Coal is gathered and concentrated to side tracks by five ton electric locomotives, then to shaft bottom by large fifteen ton electric locomotives. During the year they have made great improvements on the shaft bottom. Two years ago the bottom arrangement would only stand eight mining cars, to-day it will take one hundred. The tower over shaft which was of wood and liable to fire has been replaced by brick and is now fire proof. A new picking table has just been installed and will take care of a 3,000 ton dump. New cages and new 7½ inch hoisting ropes have been put on this shaft, and I wish to say since this company took over this plant three years ago a great change has taken place, and great credit is due General Superintendent F. O. Harris and Superintendent J. A. Straughn. The mine installed electric safety lamps. Permissible powder is used, shot by battery. I have had the co-operation of all officials at this mine during the year and all recommendations have been cheerfully complied with. All supplies are on hand as required by law. This mine is free from fatal accidents, and has averaged three-fourths time during the year.

FRANK O. HARRIS, *General Superintendent*
J. A. STRAUGHN, *Superintendent.*
J. R. DAVIS, *Mine Foreman.*
JASPER TRIPLETT, *Fire Boss.*

W. J. YORK, *Fire Boss.*
HARRY AKERS, *Fire Boss.*
J. C. SHORT, *Assistant Foreman.*
L. E. FRANKLIN, *Night Foreman.*

LAKE SUPERIOR COAL COMPANY.

SUPERIOR.

No. 1122. *Number 2- Shaft.* This is a shaft mine 165 feet deep, located three miles east of Welch on the main line of the Norfolk and Western Railway and operates the Pocahontas No. 4 seam, 4½ feet thick. Ventilation is produced by a 16 foot fan producing 62,100 cubic feet per minute, and is divided into two splits. This mine has been prospecting for coal all year having run up against a fault both in west and north entries. A tunnel has been driven through fault on north entry 884 feet and at present have five feet of coal. The main west entries butted up against fault which is the boundary for Huger mine and is now retreating. The main south entries have been fortunate in not encountering faults and considerable development has been made, enough to justify a new tipple which is now being put up. On account of these faults the mine has been deranged of its ventilating system in some parts of the mine. I have always found the management doing its best to comply with the law. Drainage is good as is also the timbering. Coal is cut by pick and machine, gathered and hauled by electric locomotives to shaft and a tonnage per day of 400 tons is maintained. The hoisting equipment is of first class. The second opening is equipped with cage and a second motion type engine. I have always had the co-operation of the management and all the officials and considerable improvement has been made for the safety of employees, including the reducing of the voltage from 550 to 250. All supplies are on hand as required by law, and mine is free from fatal accidents.

FRANK O. HARRIS, *General Superintendent.*
J. A. STRAUGHN, *Superintendent.*
MIKE BARRON, *Mine Foreman.*
TOM BRAZEAL, *Fire Boss.*
FRED DIXON, *Fire Boss.*

NEW RIVER AND POCAHONTAS CONSOLIDATED COAL COMPANY.

HAVACO.

No. 1123. *Havaco.*—This is a shaft mine 283 feet deep, located on the Tug Fork Branch of the Norfolk and Western Railway, two miles south of Welch, and operates the Pocahontas No. 3 seam, five feet thick. This mine was shut down Dec. 11, 1914 for improvements which were as follows: Both air shaft and main shaft were concreted; a new steel tipple was built; new boilers and boiler house have been erected; a Robinson fan was installed, which gives very high efficiency. The fan is 16 feet in diameter, running 60 R. P. M. and gives with a ¾ inch W. G. 108,000 cubic feet per minute. A new 300 K. W. driven motor generator. 30 new houses, two new electric driven pumps at shaft bottom, shaft bottom re-modeled, graded and I beamed and has a storage capacity for 100 cars, mine has all been cleaned up of debris, airways made larger. Panel system installed, motor roads lined, retied and lights at all main switches. Electric safety lamps were installed when the mine started up September 16, 1914. Water mains were laid on all headings with cocks every 75 feet, and one inch pipe was laid in all room. The mine now employs 115 men and are distributed into three sections with a cut boss for each section, who examines all shots and does the shooting. No shots are fired if gas is detected on the lamp. The ventilation is well distributed, and two joint inspections have been made during the year and each time mine was found in good shape. Two Mine Foremen have been discharged at this mine; one for non co-operation with the Department and one for interferring with the Fire Boss's duties. In each case the Superintendent discharged them. The mine is just developing, having abandoned the previous method of working, and has at this writing a daily tonnage of 800 tons, and will increase to 2,000 tons per day. The mine is now working full time. Systematic timbering in all rooms—good or bad roof. Headings are all shot down to black slate and slate loaded outside of all main entries, and stowed in break-throughs on all air courses. Drainage and ventilation good. All recommendations have been complied with and a weekly report sent me of the condition of the entire mine. One fatal accident is recorded for this mine.

H. M. BERTOLETT, *General Manager.*
O. M. KNOUFF, *Superintendent.*
R. E. FLEMING, *Entry Foreman.*
JOHN EVANS, *Entry Foreman.*
R. Y. MUIR, *Company Inspector.*
R. M. LAMBIE, *Mine Foreman.*
H. S. TULLEY, *Entry Foreman.*
S. T. AKERS, *Fire Boss.*

LYNCHBURG COAL AND COKE COMPANY.

KYLE.

No. 1124. *Kyle.*—This mine is located fourteen miles east of Welch on the Norfolk and Western Railway and operates the Pocahontas No. 3 seam, which is seven feet thick. This mine, which is under the same management of Powhatan, has a specially arranged humidifyer which keeps the mine in a safe condition during the cold winter months as well as in the summer months. The average humidity for this mine during the winter was 96% or equal to about 8½ gallons of water for every 100,000 cubic feet of air. The mine has always been well looked after, and the officials insist on the law being carried out in its entirety. They prosecute for any infringement on their rules or the mining law. All recommendations have been cheerfully complied with. Stretchers, lamps and a first aid kit are kept on hand. The mine has a daily tonnage of 1,200 tons, hauled by mules and electric locomotives to tipple, then to railroad by conveyor. This mine has a record of one fatal accident for the year.

L. E. TIERNEY, *President and General Manager.*
L. J. FITZSIMMONS, *Superintendent.*
L. J. SOUTH, *Foreman.*
JAMES ARMSTRONG, *Assistant Foreman.*
J. A. ARMSTRONG, *Fire Boss.*

OREGON COAL COMPANY.

HEMPHILL.

No. 1125. *Oregon No. 2.*—This mine is located one and one-half miles southwest of Welch, on a branch line of the Norfolk and Western Railway from Hemphill, and operates the Welch seam, three feet and eight inches thick. This is a pick mine, all pillar work, very wet and not the best kind of a roof. It has a clear record of accidents of any kind. This mine is ventilated by a fifteen foot fan producing 40,000 cubic feet of air and is well distributed to the face. It has an output of 300 tons per day. Coal is handled to neck of room by miner, it is then hauled outside to a 600 foot incline, dumped into a bin and reloaded into ten ton steel cars and is then hauled one and a quarter miles to tipple by a steam locomotive. I have never had occasion to recommend anything, as the law is complied with in every respect. This mine has averaged half time for the fiscal year.

ROBERT WATSON, *Superintendent.*
JAMES J. BRUMFIELD, *Mine Foreman.*

OREGON COAL COMPANY.

HEMPHILL.

No. 1126. *Oregon No. 3.*—This mine is located one and one-half miles southwest of Welch on a Branch line of the Norfolk and Western Railway from Hemphill, and operates the Welch seam, three feet and eight inches thick. The coal is mined by pick and air puncher machines. Room and pillar system. Pillars are pulled as soon as room is up. Coal is handled by miner to room neck, then by mules to sidetracks or partings and then to outside by an electric locomotive where it is conveyed to a bin. It is then transferred into ten ton steel cars, and conveyed by steam locomotive one and one-fourth miles on tram road to tipple. Ventilation is produced by a twelve foot fan producing 38,000 cubic feet per minute and fairly well distributed at face. While the volume may not be great, yet I have always found more than the law requires per man. This mine is irregular and water has to be pumped at places. Mine is damp. The law is well observed and I have had no occasion to make any recommendations. It has a tonnage of 500 tons per day, when working with a full force of men. On account of the depression it has not averaged more than half time. This mine has a new conveyor which was installed this year.

ROBERT WATSON, *Superintendent.*
WILLIAM ASCOUGH, *Mine Foreman.*
LAYLAND LITTLE, *Assistant Foreman.*

PAGE COAL AND COKE COMPANY.

PAGETON.

No. 1127. *Nos. 1 and 3.*—These mines are located eighteen miles southeast of Welch, on the Tug Fork Branch of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, seven feet thick. The old No. 1 mine is nearly all in pillars. This mine has a dangerous roof on account of pillars standing for years before being extracted. The roof has fallen in on each side of pillars and leaves great brows of disintegrated slate, which is the prime cause of the high percentage of our fatal accidents. The No. 3 mine is a new mine and connected with No. 1 mine, and the same fan operates both mines. This mine is laid off on the latest improved Panel system, extracting pillars when Panel is formed and room driven up.

Both mines are well ventilated and good concrete stoppings are put in to conduct the air. Voltage in this mine is 550, and has a record of one fatal accident by wire and one by slate. Number one mine is recorded with one fatal accident by slate. Ventilation is produced by an eighteen foot fan producing 78,000 cubic feet per minute, and divided into three splits with from eighteen to twenty-five thousand cubic feet of air to the split and fourteen to twenty thousand cubic feet at last breakthrough. Very little air is lost between intake at split and last breakthrough. This shows stoppings are good. I had occasion to prosecute two Russian miners for solid shooting. While the knowledge of this was known to the Assistant Mine Foreman, whom I cautioned to stop this dangerous practice under the penalty of the law. The mine is not as well disciplined as its neighbors or those of the same company, but has improved very much in that line during the last two years, but still there is room for improvement. The mine produces from both mines to one tipple 1,000 tons to 1,500 tons daily. Mines have worked less than half time.

J. J. LINCOLN, *General Manager.*
E. H. EVANS, *Superintendent.*
J. A. GALLIMORE, *Mine Foreman.*
WILLIAM SEVERT, *Asst. Foreman.*
T. L. LESTER, *Asst. Foreman.*

PAGE COAL AND COKE COMPANY.

PAGETON.

No. 1128. *Number 2.*—This mine is located eighteen miles southeast of Welch, on the Tug Fork Branch of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, seven feet thick. The roof in this mine is considered bad, but with the careful management of the Mine Foreman the mine is free from any fatal accidents. I have always found the very best of discipline at this mine, and have always received co-operation. All my recommendations have been complied with. This mine is ventilated by two separate fans electrically driven and operating separate splits, each producing 32,000 cubic feet of air per minute. It is working on the Panel system and has a tonnage of 650 to 1,000 tons yer day. The improvements are: Both fans have been encased in brick, making them fire proof, clay is used for tamping, coal is mined by pick and machine, hauled by mules and electric locomotives and dumped at No. 1 tipple. All supplies are kept on hand as required by law. Mine has worked less than half time.

J. J. LINCOLN, *General Manager.*
E. H. EVANS, *Superintendent.*
H. T. HANNAH, *Mine Foreman.*

POWHATAN COAL AND COKE COMPANY.

POWHATAN.

No. 1129. *East and West.*—These mines, operating to one tipple, are located fifteen miles east of Welch, on the main line of the Norfolk & Western Railway, and operates the Pocahontas No. 3 seam, seven feet thick, with a good roof, and probably has the best system of humidifying air in West Virginia. During the two years of my inspection I have paid strict attention to records kept of the moisture of these mines and an average of 95% was kept during the winter months. The system installed has 700 feet of 2½ pipe set up on racks in two pipe lengths, live steam is flowing through these pipes to raise the temperature to 80° F. and is ejected into the air at the ends of each pipe by a very fine spray. This radiator sets about 150 feet inside intake drift mouth. Ventilation is produced by a 16 foot fan, producing 90,000 cubic feet of air per minute. Measurement at last break through of any split show not not less than 14,000 cubic feet. On June 30th, 1914, a fire burned down a fan house at Sycamore Coal Company and five men lost their lives by the fumes from the fire. A request was made of all operators to construct their fans of non-combustible material, and the management of this mine was the first to comply. The improvements are fan house, constructed of concrete. Timber in drift mouths have been substituted by concrete. A new fan has been installed at No. 2 mine. Mine has been cleaned of all debris, tracks have been retied and lined, and all recommendations have been cheerfully complied with. The mine has a capacity of 1200 tons and has an average of half time during the depression. Men are checked in and out. The records show this mine to be clear of fatal accidents.

L. E. TIERNEY, *General Manager.*	G. H. WILCOX, *Chief Engineer.*
W. T. HEATHERMAN, *Superintendent.*	J. F. BOWLES, *Mine Foreman.*
TOM FITZSIMMONS, *Safety Inspector.*	LARRY JURBUSK, *Assistant Foreman.*

PEERLESS COAL AND COKE COMPANY.

VIVIAN.

No. 1130. *Number 1.*—This mine is located nine miles east of Welch on the main line of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, six feet thick. This is a large mine and more than half of it is standing in pillars, which will have to be cleaned up and retracked to get pillars. It produces 1,000 tons daily. Ventilation is produced by a 16 foot Jeffrey fan, producing 110,000 cubic feet per minute. Measurement at last cross cut is not less than 12,000 cubic feet. Mine drains to one point and is then pumped outside. Roof in this mine is dangerous, as draw slate comes with the coal, and it takes very careful timbering, which is mostly to black slate. Road is laid on one side of room, driven 20 feet wide, with four sets of timber. Pillars are stumped off 12 feet thick to black and 40 feet stump. This mine has a pipe line system to water main haulage roads. Recently the mine has been blocked off in panels and a much larger recovery is obtained and with greater safety. The average workings for the year has not exceeded half time. The coke ovens have been abandoned. The boiler plant has been renewed by installing high pressure boilers. The town sanitation is fair. Coal is gathered and concentrated by mules, then hauled to tipple by two 15 ton electric locomotives. All supplies are on hand as required by law, and I have always found the management willing to co-operate with the Department. One fatal accident is recorded.

R. Y. LUTHER, *General Manager.* *(Now Deceased.)*	TOM BARRETT, *Mine Foreman.* AMOS HOLLINS, *Fire Boss.*
G. W. WILLIAMSON, *Superintendent.*	ALBERT LAWSON, *Assistant Foreman.* FRANK CARTER, *Assistant Foreman.*

PEERLESS COAL AND COKE COMPANY.

VIVIAN.

No. 1131. *Number 2.*—This mine is located nine miles east of Welch, on the main line of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, six feet thick, and has a tonnage of 700 tons per day. Ventilation is maintained by a 16 foot Jeffrey Fan, which produces 200,000 cubic feet per minute. This is a new mine and is laid out for a large producer. Panel system is used, driven to boundary, then retreated. Roof is bad and takes careful watching. Mine Foreman has a record of never killing a man in his life and I sincerely hope he never does. I have always found the mine well disciplined. Plenty of timber on hand with instructions to set them. This mine has some heavy grades which are in favor of load. Drainage is natural to main entry, then pumped outside. Clay is used for tamping and it is a pick mine. Coal is gathered by mule and electric locomotives and then to tipple by a 15 ton electric locomotive. The ventilation at this mine is divided into two splits overcasted. The mine is sanitary, all refuge holes whitewashed and clean. Coal is dumped at drift mouth and elevated by conveyor to tipple, which is steel and the only one of its kind in the field. All recommendations have been cheerfully complied with, and the officials have been willing to co-operate with the Department. Stretchers, blankets, lamps and all necessary supplies are kept on hand.

R. Y. LUTHER, *General Manager.* *(Now Deceased.)*	SAM MITCHELL, *Mine Foreman* J. A. BLANKENSHIP, *Asst. Foreman.*
G. W. WILLIAMSON, *Superintendent.*	BABE BARBER, *Fire Boss.*

PEERLESS COAL AND COKE COMPANY.

VIVIAN.

No. 1132. *Number 3.*—This mine is located nine and one-half miles east of Welch, on the Norfolk and Western Railway and three-fourths of a mile from tipple, operating the Pocahontas No. 3 seam, six feet thick, and dumps into the same tipple as No. 1 mine. This mine is all in pillars and has a very dangerous roof, which requires careful watching and only experienced miners are employed. This mine has been shut down nearly all this fiscal year on account of depression. I always found a plentiful supply of timber on hand, and the law complied with. No fatal accidents are recorded for this mine.

R. Y. LUTHER, *General Manager.*
(Now Deceased.)
G. W. WILLIAMSON, *Superintendent.*
T. L. BOOTH, *Mine Foreman.*
AMOS HOLLINS, *Fire Boss.*
ALEX MCCLUSKE, *Assistant Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1133. *Nos. 6-1 off No. 6.*—This mine is located at the head of the Right Fork of Tug River, twenty-two miles from Welch and operates the Pocahontas No. 3 seam, eight to nine feet thick, and on the Tug Fork Branch of the Norfolk and Western Railway. Nothing has been done at this mine except driving a ditch which extends through to Boissevain mine located in Virginia, also to drain the Baby Mine and Pocahontas mine. This is the drainage mine for the above mines and has done away with forty pumps in these mines. The mine is, however, developed to take care of a good tonnage on the West Virginia side. Connection at ditch was driven narrow and sufficient barrier is left to separate this mine from the mines in Virginia as a precaution against an explosion. Ditch connection is to be concreted with a large valve to withstand an explosion pressure, which I hope will not be needed. The roof is good and the mine can be started up on short notice.

JAMES ELWOOD JONES, *General Manager.*
C. W. ATKINSON, *Superintendent.*
ALF HALL, *General Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1134. *No. 6-4 off No. 6.*—This mine is located on the Right Fork of Tug River, on the Tug Fork Branch of the Norfolk and Western Railway, twenty-two miles from Welch, and operates the Pocahontas No. 3 seam, nine feet thick, with a fairly good roof. This is a machine mine, and has a tonnage at present of 750 tons per day. Mine is worked on the panel system, forming the panel first, then retreating. Fan is eight feet in diameter, producing 32,000 cubic feet per minute with not less than 14,000 cubic feet of air at last breakthrough of any heading. I have always found this mine in first-class condition in every respect and is clear of any fatal accidents. Permissible powder is nsed, shot by battery, and clay is used for tamping. The mine is kept at all times in a moist condition by a watering system of motor, electric pump and water boxes. I wish to make special mention that dust is kept down by a rigid watering system in all the mines of this company. I have always received co-operation from the management of this mine, like all others which he has jurisdiction over. All supplies are kept on hand as required by law. Mine has worked half time.

JAMES ELWOOD JONES, *General Manager.*
C. W. ATKINSON, *Superintendent.*
ALF. HALL, *General Mine Foreman.*
J. L. VANCE, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1135. *No. 6-8 off No. 8.*—This mine is located on Right Fork of Tug River and Tug Fork Branch of the Norfolk and Western Railway Company, twenty-two miles southeast of Welch, and operates the Pocahontas No. 3 seam nine and one-half feet thick. All coal is cut by machine and hauled by electric locomotives. Mine is laid out by panel system, well developed and can handle a large tonnage, but on account of the depression has not worked more than half time and with only half the men usually employed. At present its output is 1,000 tons per day. Roof is considered good, although slight accidents occur from coal and thin draw slate. There is recorded one fatal accident by electrocution. This mine is well ventilated, and always moist. Permissible powder is used and shot by battery. Clay is used for tamping. The efficiency for motor haulage at this mine is 107 cars per motor per day. Very little timber is used in the mine.

I have to say that this mine is very sanitary in every respect, and is kept well moistened and free from dust. All supplies are kept on hand as required by law. Full co-operation has been given by all officials.

JAMES ELWOOD JONES, *General Manager.* ALF. HALL, *General Mine Foreman.*
C. W. ATKINSON, *Superintendent.* J. W. ATKINSON, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1136. *Nos. 7-1 and 7-5 off No. 7.*—Mines are located at the head of Right Fork of Tug River, twenty-two miles from Welch on the Tug Fork Branch of the Norfolk and Western Railway, and operating Pocahontas No. 3 seam, six to seven feet thick. These two mines have been idle all year on account of the depression. Mines are in fine shape and can be started up on a day's notice.

JAMES ELWOOD JONES, *General Manager.* ALF. HALL, *General Mine Foreman.*
C. W. ATKINSON, *Superintendent.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1137. *No. 7-1 off No. 8.* This mine is located twenty-two miles from Welch, at the head of Harman Branch off the Right Tug Fork of Tug River on the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, six and one-half feet thick. Mine is developing night and day and will have a large area opened up when demand calls for it. Main entries are driven seven inches parallel and main chain pillar is only cut through every 500 feet or when distance is won out for a butt entry. Coal is hauled by gathering electric locomotives of five tons from face to sidetracks where large 15-ton electric locomotives haul it to the tipple on the outside tram way a mile away. Coal is cut by electric machines mounted on a truck and cuts 18 feet wide. All coal is shot by permissible powder with battery and clay tamping. Fan producing ventilation is 8 feet in diameter and produces 40,000 cubic feet per minute. Fans are all temporary and will be replaced by larger ones as mine develops. All stoppings are concrete, wires guarded, refuge holes whitewashed. This mine is recorded with one fatal accident.

The town where this mine is located has been improved by fencing in all lots and new board sidewalks. The Appalachian Power Company supplies all mines with electricity. This mine has not worked more than half time with a tonnoge of 450 tons per day.

JAMES ELWOOD JONES, *General Manager.* R. C. MITCHELL, *General Mine Foreman.*
C. W. ATKINSON, *Superintendent.* J. M. DALTON, *Assistant Mine Foreman.*
JOHN LYNCH, *Assistant Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1138. *No. 8-1 off No. 8.*—This mine is located twenty-two miles from Welch at the head of Harman Branch, off the Right Fork of Tug River, on the Norfolk and Western Railway, and operates the Porahontas No. 3 seam, six and one-half feet thick. During the depression this mine has only employed sufficient men to keep heading development. The mine is formed into panels with seven main entries paralleling each other. This mine is developed for a high tonnage when wanted. The coal is cut by electric machines mounted on truck. Permissible powder is used and shot by battery, clay tamping and powder is kept in a hole in Rib thirty feet from exploders. Wires are all guarded, refuge holes cut at proper distance as provided for by law and white washed, and while the wires are seven feet high on outside a brakeman was killed by an electric shock by coming in contact with wire. Ventilation is produced by an eight-foot fan running 218 R. P. M. and producing 30,000 cubic feet per minute and well distributed at face. Overcasts are now being made to split air into separate splits. Fifty men are employed all told, and the mine has a tonnage of 400 tons per day. All supplies are on hand as required by law. Mine has not worked half time.

JAMES ELWOOD JONES, *General Manager.* R. C. MITCHELL, *General Mine Foreman.*
C. W. ATKINSON, *Superintendent.* J. M. DALTON, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

No. 1139. *No. 8-D off No. 8.*—This mine is located on Harman Branch off Right Fork of Tug River, on the Norfolk and Western Railway, twenty-two miles from Welch, and operates the Pocahontas No. 3 seam, six and one-half feet thick. On account of the depression this mine was shut down and has been idle all year. This mine is well developed and has a good roof and will stand without expense and can be worked on a day's notice.

JAMES ELWOOD JONES, *General Manager.* R. C. MITCHELL, *General Mine Foreman.*
C. W. ATKINSON, *Superintendent.* J. M. DALTON, *Mine Foreman.*

POCAHONTAS SMOKELESS COAL COMPANY.

WELCH.

No. 1140. *Slick Rock.*—This mine is located at Hemphill, one mile west of Welch, on the main line of the Norfolk and Western Railway, and operates the Welch seam, three and one-half feet thick. The fan, producing ventilation, is electric driven, six feet in diameter, and produces 32,000 cubic feet of air per minute. This is a pick mine. Coal is pushed to neck of room by the miner, then to sidetracks by mules, then to outside by two electric storage battery motors, which have a clear record for the year. These electric storage battery locomotives run in tandem form and displaced nine mules and six drivers, and have never cost the company one cent for repairs during the year. This mine is in fine shape both as to sanitation and discipline. Management and officials have co-operated with the department in complying with all recommendations. The mine has a capacity of 6,500 tons per month, which is run down a 900-foot plane by monitors to tipple. One fatal accident is recorded. Mine has averaged one-half time.

WM. DEEGANS, *General Manager.* WILLIAM MUSSER, *Mine Foreman.*
JOHN WEDGEWOOD, *Superintendent.*

PULASKI IRON COMPANY.

ECKMAN.

No. 1141. *Number 1.*—This mine is one of three mines where coal is dumped at the same tipple. It is located eleven miles east of Welch, on the Norfolk and Western Railway and operates the Pocahontas No. 3 seam, seven feet thick. This mine is all in pillars and will soon be finished. The roof is very bad and dangerous. Mine is wet and only experienced miners are employed on account of bad roof, and the management must be commended for the small number of accidents under such adverse conditions. Only a few men are employed here. All supplies are kept on hand, and the law is complied with. This mine is recorded with one fatal accident. It has a tonnage of 90 tons per day.

FLOYD E. CUNNYNGHAM, *Superintendent.* W. S. KEASLING, *Safety Inspector.*
J. M. SHANK, *General Mine Foreman.* JAMES LAWRENCE, *Assistant Mine Foreman.*
JAMES MCGINNIS, *Safety Inspector.*

PULASKI IRON COMPANY.

ECKMAN.

No. 1142. *Number 2.*—This mine is located eleven miles east of Welch, on the main line of the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, seven feet thick. The coal is mined by pick and machine. Mine is well ventilated with a Capel fan, producing 70,000 cubic feet per minute. There are four splits in the mine with not less than 10,000 cubic feet of air at last cross cut. Coal is hauled from face to sidetracks by mules and gathering motors, then to tipple by large electric 20 ton locomotives. I have always found the mine sanitary and free from smoke. Two safety Inspectors have been on during the year and all recommendations have been cheerfully complied with immediately. The mine has a tonnage daily of 1500 tons and employs 210 men. The mine is districted off to six district with an entry foreman to each district or 34 men to each entry foreman. Haulageways are free from slate or dust. Refuge holes all white-washed. Electric lights at all switches. Air is split by overcasts and very few doors are used. All stoppings are concrete and all outside buildings are of concrete construction. During the year a theatre has been built which will seat 400 people. The rules are well observed and very good discipline maintained. All necessary supplies as required by law are kept on hand. All shots are tamped with clay. This mine has had three fatal accidents during the year.

FLOYD E. CUNNYNGHAM, *Superintendent.*
J. M. SHANK, *General Mine Foreman.*
WILLIAM QUESINBERY, *Assistant Foreman*
FRANK BLEVINS, *Assistant Foreman.*
E. K. BOURNE, *Assistant Foreman.*
S. H. THOMPSON, *Assistant Foreman.*
JAMES LAWRENCE, *Assistant Foreman.*
JOHN OLLIS, *Assistant Foreman.*
JAMES MCGINNIS, *Safety Inspector.*
W. S. KEASLING, *Safety Inspector.*

PULASKI IRON COMPANY.

ECKMAN.

No. 1143. *Number 3.*—This mine is located eleven miles east of Welch, on the main line of the Norfolk and Western Railway, and dumps its coal at the main Pulaski tipple. It also operates the Pocahontas No. 3 seam, which is eight feet thick. This mine has been idle during the year. This mine was developed with all its entries to the boundary line and not a room turned off. This is an emergency mine and is ready for a high tonnage when needed. It is one of the most up-to-date mines in the field. Its entries carry an area of 100 square feet with all draw slate taken down to the black slate. Pipes are laid on entries for watering. The fan has a capacity of 200,000 cubic feet with two and one-half W. G. This mine is one mile from tipple and has a 600-foot plane of 45%. It is proposed to operate this mine only to help out their No. 2 mine which has over 260 coke ovens. It produces 120 tons per day. All supplies including clay for tamping are kept on hand.

FLOYD E. CUNNYNGHAM, *Superintendent.*
J. M. SHANK, *General Mine Foreman.*
W. S. KEASLING, *Foreman.*
JAMES MCGINNIS, *Safety Inspector.*

SHAWNEE COAL & COKE COMPANY.

ECKMAN.

No. 1144. *Shawnee.*—This mine is located eleven miles east of Welch, on the Norfolk and Western Railway, and operates the Pocahontas No. 3 seam, seven feet thick. It is practically all in pillars, as nearly all the solid coal is worked out. The mine has a daily tonnage of 1,000 tons per day, but under the depression they have not worked more than ten days per month. Under the existing conditions pillar work is dangerous. Ventilation is produced by a fifteen-foot fan and produces 85,000 cubic feet per minute. The air is well distributed by three splits and measurement at last cross cut shows not less than 9,320 cubic feet. Everything has been done to co-operate with the Department. As the pillar coal is dusty they use salt as a humidifier and it far exceeds water, as it can be thrown into the gobs. This mine has a record of one fatal accident due to the carelessness of the miner who had been instructed to take the rock down. All supplies are kept on hand, including clay for tamping.

MORRIS WATTS, *General Manager and Superintendent.*
M. A. SEXTON, *Mine Foreman.*
H. F. YOST, *Assistant Foreman.*
W. H. KEASLING, *Assistant Foreman.*
THOS. NORRIS, *Fire Boss.*

STANDARD POCAHONTAS COAL COMPANY.

CAPLES.

No. 1145. *Standard.*—This mine is located 2½ miles West of Welch on the main line of the Norfolk and Western Railway, is a shaft mine 365 feet deep and operates the Pocahontas No. 3 seam, 4½ feet thick. This mine has the worst roof conditions in the field, it also liberates more gas than any mine in the field. With the gas and dangerous roof it is a hard proposition. However, the management has always taken great precaution for the safety of the men and has endeavored to keep the mine clear from accumulations of gas. The mine is examined twice each month and at times traces of gas are found. The mine employes from 90 to 100 men daily. The mine is divided into three districts, each district has its own Cut Boss, who has charge of the shot firing and who visits each place three times each day. No shots are fired when a cap can be detected on the safety lamp. Electric storage battery locomotives are used for gathering the coal to sidetracks, it is then taken to shop bottom by large electric locomotives. All cutting machines are of the Flame proof type, and for further safety each place is tested before it is cut and while it is being cut. The Fire Boss, after making his rounds each morning, puts his time in, and after giving instructions to each Cut Boss to place canvas, &c., visits all the abandoned workings and falls and takes the percentage of gas given off, if any, and makes his report to me each week. The ventilation is produced by a 14-foot Capell fan, running 128 R. P. M. with 1 1-10 W. G. and producing 111,000 cubic feet per minute, distributed into three splits with not less than 25,000 cubic feet to a split and 15,000 cubic feet at last breakthrough. Their rule is to have not less than 12,000 cubic feet at last cross-cut. Voltage is 250, and a new generator has been installed during the year. Permissible powder is used and shot by battery. Electric safety lamps are used, and men are checked in and out of mine. Tipple and head frame is of steel of modern design. Cages are all equipped with hood and safety catches. Second opening has a special cage for emergency and shaft bottom is well lit up by electric lights and electric lights are at all main line switches. Travelling roads have guides pointing the way out. During the year the air has been split by overcasting. The main shaft is concreted but rings are poor, which overflows and makes a wet shaft. Shaft bottom is also poorly arranged to take care of even a normal tonnage. There is still room for improvement in this mine, and the management is doing his best to achieve this. This mine runs full time, and has a record of one fatal accident.

C. M. GATES, *General Manager.*
JAMES SUMMERS, *Superintendent.*
J. W. GATES, *Mine Foreman.*
WM. STEEN, *Assistant Foreman.*
O. K. SPICHER, *Fire Boss.*
MIKE GRECO, *Cut Boss.*
J. C. HIGHTOWER, *Cut Boss.*
PHILIP COLFETI, *Cut Boss.*

TIDEWATER COAL & COKE COMPANY.

VIVIAN.

No. 1146. *Tidewater.*—This mine is located nine miles east of Welch, on the main line of the Norfolk & Western Railway, and operates the Pocahontas No. 3 seam, 6 feet thick. It has a tonnage of 1,500 tons per day. The mine is well developed on the panel system and is ventilated by four splits. Ventilation is produced by a 10-foot Jeffrey fan, producing 100,000 cubic feet per minute. Splits are evenly divided with 25,000 cubic feet to a split, and not less, at last cross cut, than fourteen to sixteen thousand cubic feet. Mine generates gas but it is well looked after. The mine has a dangerous draw slate, and has a record of four fatal accidents during the year. Drainage is concentrated to two main pumping stations where electric pumps pump it to the outside. Places are driven 18 feet wide with three sets of timber to a row. This mine has had one special examination during the year by three State Mine Inspectors and a clear report was given. I had occasion to prosecute two men for solid shooting in this mine. The general discipline is good. The mine is in good sanitary condition and the management and all officials have always been willing to co-operate with the Department. Coal is dumped in the mine at foot of conveyor and elevated to tipple height. This is a drift mine. All supplies are kept on hand as required by law. A new storage battery locomotive was installed during the year for the gathering of coal, and this motor has been very satisfactory. Motor and mules gather and concentrate the coal to side-tracks where it is then hauled by large electric locomotive to tipple. This mine has an average of 18 days per month, and is a pick mine.

COL. C. H. BOARDMAN, *General Manager.*
B. C. HYLTON, *Superintendent.*
J. O. SMITH, *Mine Foreman.*
PAT GILLESPIE, *Assistant Foreman.*
JOHN WILLIAMS, *Assistant Foreman.*
EVEN COCKBURN, *Night Foreman.*
THOMAS STOCKDALE, *Fire Boss.*

TURKEY GAP COAL & COKE COMPANY.

ENNIS.

No. 1147. *Tnkey Gap.*—This mine is located eighteen miles east of Welch, on the main line of the Norfolk and Western Railway, operates the Pocahontas No. 3, seam, seven feet thick, and has a tonnage of 500 tons per day. Coal is hauled by mules and steam locomotive. Ventilation is produced by an 18-foot. steam fan, which produces 80,000 cubic feet of air per minute. During the year this fan has been encased in a fire-proof building. All recommendations have been complied with. Stretchers and lamps are kept on hand as required by law. This mine is fast retreating and its life is of a few years. Records show this mine to be free from accidents for the fiscal year. The mine has been running only half time during the past year.

E. J. MCQUAIL, *General Manager.*
JACK COONEY, *Mine Foreman.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1148. *Number 1 Shaft.*—This mine is located five miles southeast of Welch, on the Tug Fork Branch of the Norfolk and Western Railway at Wilcoe, and operates the Pocahontas No. 3 seam, five and one-half feet thick. The mine has been idle three years or more. The production of this mine all went to the coke ovens, and at the time when all the coke ovens of the United States Coal and Coke Company at all operations were shut down, this mine was also shut down. The fan was kept running for a year or more after the mine was shut down and regularly examined. I made an examination of the mine just before it was finally abandoned and it was in first-class order. All the machinery is intact yet and can be started up on short notice.

COL. EDWARD O'TOOLE,
General Superintendent.
J. M. TULLEY, *Superintendent.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1149. *Number 2.*—This mine is a drift mine located six miles southeast of Welch, and one mile northwest of Gary, on the main line of the Tug Fork Branch of the Norfolk and Western Railway and operates the Pocahontas No. 4 seam, six feet thick. Ventilation is produced by a 14-foot Capell fan, producing 180,000 cubic feet per minute, distributed into three splits and not less than 15,000 cubic feet at last breakthrough. This mine produces 1,700 tons per day. Coal is gathered and concentrated by mules, then by electric locomotive to the bottom of a slope where it is dumped and conveyed to tipple. Slight traces of gas have been found at times, but it has always been taken care of. All rooms are lighted at face by electric lamps 32 candle power, as is also all headings and switches. Strict discipline is enforced. No driver can cut his mule off trip before coming to a full stop, no machinery can be oiled in motion and the mine has always been found in first-class shape, with everything on hand as required by law.

The town is a credit to the management, clean, sanitary and beautiful in the summer time. All officials at this mine are carrying a merit.

COL. EDWARD O'TOOLE,
General Superintendent.
J. M. TULLEY, *Superintendent.*
T. J. MCFARLAND, *Mine Foreman.*

I. C. YATES, *Assistant Foreman.*
MIKE CASSETT, *Assistant Foreman.*
W. VINCIE, *Assistant Foreman.*
JOE' CHART, *Assistant Foreman.*
M. E. MALONEY, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1150. *Number 3.*—This is a drift mine operating the No. 4 seam of the Pocahontas measure, is located at Gary seven miles southeast of Welch on the Tug Fork Branch of the Norfolk and Western Railway and is producing a tonnage of 350 tons per day. The mine is well developed and can take care of a good tonnage when wanted. The roof conditions in this mine are bad, but their systematic timbering carries it. Ventilation is produced by a 24-foot Capell fan, which produces 198,000 cubic feet per minute, with not less than 18,000 cubic feet at the last breakthrough. Coal is gathered and concentrated by mules and is then hauled to the tipple by electric locomotives. Coal is 4½ feet thick. A good deal of this coal is used by concentrating plant, which is located nearby. Coal is cut by machines and pick. The town is sanitary in every respect. All officials of this mine are carrying a merit, and all supplies are on hand as provided for by law.

COL. EDWARD O'TOOLE,
General Superintendent.
H. T. GRAHAM, *Superintendent.*

M. L. CARRIGER, *Mine Foreman.*
TONY PAYNE, *Assistant Foreman.*
C. L. GIMBER, *Assistant Foreman.*
JAMES THIRSTLE, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

THORPE.

No. 1151. *Number 4.*—This is a drift mine operating the Pocahontas No. 3 seam seven feet thick, located at Thorpe, nine miles southeast of Welch, on the main line of the Tug Fork Branch of the Norfolk and Western Railway, with a capacity of 1,300 tons per day. Pick and machine mined. Ventilation is produced by a 13-foot fan, which produced 235,000 cubic feet per minute. Last breakthrough of any split is not less than 14,000 cubic feet per minute. The whole mine is lighted by electric lights from outside to working face. This mine, like all others of this company, is working under the new system of advance extraction, and only part is working. The roof conditions are bad, but it is carried by their systematic timbering. I have always found the mine in good condition in every respect. All supplies kept on hand as provided for by law.

The town of Thorpe has a town hall equipped with a pool room, which is free for all miners, also a free library, and in the basement there is a barber shop and bath. The town is kept spotlessly clean.

COL. EDWARD O'TOOLE,
General Superintendent.
A. N. HARRIS *Superintendent.*
A. G. HAHN, *Mine Foreman.*

GEORGE HOST, *Assistant Foreman.*
L. K. PIKE, *Assistant Foreman.*
JAMES KNOX, *Fire Boss.*
M. J. DONNELLY, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

THORPE.

No. 1152. *Number 5.*—This is a drift mine, located 10 miles from Welch, on the Tug Fork Branch of the Norfolk and Western Railway, operating the Pocahontas No. 3 seam, seven feet thick. This, like all other mines of this Company, is working advance extraction. Coal is mined by pick and machine, four men to a machine place of 24 cars to the cut or 89 tons. This is loaded out in one day. Pillar work is butted off to a stump of 24 cars and stump is taken out in one day. Two roads to a room. The roof is bad and is held up by systematic timbering. Main line is lighted by 108 lights. All working faces are lighted by electric lights. Mules haul coal to heading only, where it is picked up by motors and empties left at the same time. A trip of 60 cars can be hauled in twenty-five minutes. Ventilation is very good. A 13-foot fan produces 70,000 cubic feet per minute and distributed by splits of 20,000 to 42,000 cubic feet to a split, with not less than 13,000 cubic feet at last. The rules of this company are to have not less than 12,000 cubic feet of air at any last breakthrough or the Foreman and Assistant Foreman are demerited. I have always found the mine in excellent shape.

COL. EDWARD O'TOOLE,
General Manager.
A. N. HARRIS *Superintendent.*

MIKE SMITH, *Mine Foreman.*
JULIUS PHEBIC, *Assistant Foreman.*
LUI RODECIC, *Assistant Foreman.*
JACK WATSON, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1153. *No. 6.*—This is a drift mine located 1½ miles above Gary and 8½ miles from Welch, on Sand Lick Branch of Tug Fork off the Norfolk and Western Railway, and operates the No. 4 seam of the Pocahontas measure, six feet thick. This mine is a large producer and has a capacity of 3,000 tons per day. This mine, like all the rest, was affected by the depression and subjected to a limited tonnage. Coal is cut by pick and machine, concentrated by mules and hauled to tipple by electric locomotives. This mine is governed by the same rules and table of tonnage shows it clear of fatal accidents. Ventilation is produced by a 20-foot electric driven fan with 193,000 cubic feet per minute distributed into five splits of from 36,000 to 43,000 cubic feet of air to a split, and at last break-through 18,000 cubic feet. Roof is considered bad and has a dangerous 10-inch draw slate which follows coal. This mine has a restaurant in the mine and serves hot meals at a nominal fee. Many miners get their buckets packed there and many eat before going home. The fan house of this mine, like all fan houses of this company, is beautified with flowers. The town is called Ream and is a very clean camp; everybody interested in gardening; prizes are given for the best garden, also for the cleanest premises and sanitation is perfect. I have always found the mine up to the standard of the mining law.

COL. EDWARD O'TOOLE,
General Superintendent.
NEIL FRIEL, *Superintendent.*
J. R. HIGHTOWER, *Mine Foreman.*
ANDREW HERETTA, *Assistant Foreman.*

JOHN RUSNAK, *Assistant Foreman.*
MIKE CHARNEY, *Assistant Foreman.*
NICK SHARKEY, *Assistant Foreman.*
J. W. LESTER, *Assistant Foreman.*
ANDREW TOSHIE, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

ELBERT.

No. 1154. *Number 7.*—This is a drift mine, located two and one-half miles from Gary and nine and one-half miles from Welch, on Sand Lick Branch of Tug Fork of the Norfolk and Western Railway Company and operates the No. 4 Pocahontas seam, six and one-half feet thick. This mine at this time produces a tonnage of 15,000 tons per day. The fan producing ventilation is a Clifford, 20-foot in diameter, producing 196,000 cubic feet per minute, and is divided into four splits with not less than 17,000 cubic feet at last breakthrough. The coal is cut by pick and machine. This mine has probably the best timbered for room work in the world. On "Rudolph Tonovich" section props are set by miners under the jurisdiction of the above cut boss, evenly spaced, set vertical—absolutely in line with center lines and the regulation clearances—coal is hauled by mules to heading where it is picked up by motors, and empties are distributed for each driver on entry. Electric lights are at the face of all working places, also on headings and main line. On the outside of this mine everything is clean and sanitary from the tipple to the drift mouth. The camp is neat, clean and sanitary and some garden prizes were awarded to this camp. I have always found the mine in good order and supplies are kept on hand as required by law.

SAFETY FIRST—SUPPOSE MINER.

Suppose you keep a record of the careless things you do
And the careless acts you do in the hustle of the day
Suppose you keep a record of the dangers you pass through
Don't you think it might make a careful man of you?

COL. EDWARD O'TOOLE,
General Manager.
W. P. KEARNS, *Superintendent.*
ELBERT DYE, *Mine Foreman.*
RUDOLPH TRONOVICH, *Assistant Foreman.*
JOE EAVEINCH, *Assistant Foreman.*
D. E. BROWN, *Assistant Foreman.*
VIVIAN BAKER, *Assistant Foreman.*
KYLE WILSON, *Assistant Foreman.*

UNITED STATES COAL & COKE COMPANY.

ELBERT.

No. 1155. *Number 8.*—This mine is located two and one-half miles from Gary and nine and one-half miles from Welch, on Sand Lick Branch of Tug Fork of the Norfolk and Western Railway, and operates the Pocahontas No. 4 seam, six and one-half feet thick. There are two mines, East and West, and both were shut down on account of the depression, and have been shut down all year. The camp at this operation has undergone great improvements. New sanitary closets were built, cement sidewalks were laid, a new barber shop and reading room were installed.

COL. EDWARD O'TOOLE,
General Superintendent.
W. P. KEARNS, *Superintendent.*

UNITED STATES COAL & COKE COMPANY.

FILBERT.

No. 1156. *Number 9.*—This plant is located at the head of Sand Lick, a Branch line of the Tug Fork Branch of the Norfolk and Western Railway, and operates the Pocahontas No. 4 seam. This plant has two large mines to one tipple. Each mine has a capacity of 1,800 tons per day. The west side mine is operating at the present time. The east side mine has been idle all this year. The coal is cut by pick and machine and under the present system of working can be brought up to 3,000 tons per day. The present system of haulage is the most economic in the field. The fan producing ventilation is 13½-foot in diameter and produces 257,000 cubic feet per minute split into four currents with 32,000 to 80,000 cubic feet to a split. Places are driven 70 feet centers with rooms 36 to 40 feet wide, two roads to a room and four men to a place, with a cut of 24 cars to a place and cleaned up every day. All officials at this mine carry a merit. All places have electric lights at face, also on all headings and haulage ways and it is not necessary to carry a lamp from outside to working face. Permissible powder is used and the rule is that the miner keeps his powder in a hole in rib one hundred feet from the face, and caps thirty feet from powder. Coal is shot by battery by the Cut Boss after being inspected. All supplies are kept on hand, and stretchers and blankets are distributed throughout the mine and are kept in a metallic water proof box. This operation keeps a nurse, and also keeps a model miner's cottage where lessons in domestic science and the art of housekeeping are given. There is also a hall for the miners equipped with pool room and barber shop.

COL. EDWARD O'TOOLE,
General Superintendent.
W. W. HARDING, *Superintendent.*
G. R. GATES, *Mine Foreman.*
JOS. ANDRING, *Assistant Foreman.*
JOHN GEORGE, *Assistant Foreman.*
JOHN KENNER, *Assistant Foreman.*
JOHN ANDRING, *Assistant Foreman.*
H. L. ROSS, *Assistant Foreman.*
C. B. LEE, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1157. *Number 10.*—This mine is located one and a quarter miles above Gary and eight and one-fourth miles from Welch, on the main line of Tug Fork Branch of the Norfolk and Western Railway and operates the Pocahontas Nos. 3 and 4 seams. The upper or No. 4 seam carries five feet of rash roof. The bottom or No. 3 seam carries a thick draw slate and both are considered dangerous, but is carried on timber, which system covers all mines of this company. The upper or No. 4 seam is dumped in a chute and loaded at bottom seam, then to tipple by motor. The coal is hauled from face to heading by mules where it is concentrated for motor. The rooms are forty feet wide having two tracks to a room. Both seams are six feet thick. The No. 3 seam is driven under No. 4 seam at No. 3 plant and water pumped at No. 3 mine. One fan ventilates both seams. This fan's capacity is 200,000 cubic feet per minute. There has been no fatal accidents at this mine since 1911. Mine has a large capacity when running full time. The town is neat and clean, with beautiful gardens and a ball ground and grand stand. All supplies are kept on hand as required by law.

COL. EDWARD O'TOOLE,
General Superintendent.
H. T. GRAHAM, *Superintendent.*
M. E. MALONEY, *Mine Foreman.*

M. K. PAYNE, *Assistant Foreman.*
H. C. HEADLEY, *Assistant Foreman.*
H. C. YONCE, *Assistant Foreman.*
H. C. MANN, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

THORPE.

No. 1158. *Number 11.*—This plant has two mines in Nos. 3 and 4 seams. The No. 3 seam has been idle since December, 1914. Both seams have bad roofs. These mines are located two miles from Gary and nine miles from Welch, on the Tug Fork Branch of the Norfolk and Western. At present it has a tonnage of 250 tons per day or half its daily output. The fan producing ventilation is a 13½-foot fan, which produces 125,000 cubic feet per minute and distributed into three splits with not less than 13,000 cubic feet at last breakthrough. This mine is also placed on a new system of working, and is electrically lighted by 32 candle power lamps at face of all places. Coal is cut by machines only and hauled by mules from face to heading, where electric locomotive leaves empty cars and takes the loaded ones to the tipple. Tipple, at this point, has an elevation of 200 feet to No. 4 seam. Same tipple handles both seams. I have always found the mine in first-class condition and have always been met by the Superintendent and Foreman who accompanied me around the mines, and who were always willing to accept any suggestion from me for the benefit of the mines. All supplies are kept on hand as required by law.

COL. EDWARD O'TOOLE,
General Superintendent.
I. H. DUNN, *Superintendent.*
T. W. REESE, *Mine Foreman.*

B. D. HUGHES, *Assistant Foreman.*
G. W. LACH, *Assistant Foremna.*
G. W. MILAM, *Assistant Foreman.*
G. W. HALSEY, *Assistant Foreman.*

UNITED STATES COAL & COKE COMPANY.

ANAWALT.

No. 1159. *Number 12.*—This mine is twelve miles from Gary and nineteen miles from Welch, on the Tug Fork Branch of the Norfolk & Western Railway, and operates the Pocahontas Number 3 seam, seven feet thick. This mine has been idle all year on account of the depression, but is now about to start up again. The mine was always kept in good shape. The men are hauled up the mountain by an electric hoist, provided with safety catches. The tipple, like all tipples of the United States Coal Coal & Coke Company, is of steel, and of modern type. The mine is considered one of the best producers in the field. The town of Anawalt is well located and during the summer months is beautiful with green plants and flowers, and the town has been kept in a clean, sanitary condition during the time the mine has not been operating.

COL. EDWARD O'TOOLE, H. T. GRAHAM, *Superintendent.*
General Superintendent.

UPLAND COAL AND COKE COMPANY.

ELKHORN.

No. 1160. *Upland.*—This mine is located at Elkhorn, sixteen miles east of Welch on the main line of the Norfolk and Western Railway, working Pocahontas No. 3 seam, eight feet thick, with a good roof and is well handled. The mine is under the management of J. A. Granthan, who resigned and was succeeded by Mr. J. McCrickard, had in my opinion the cleanest mine, free from dust, gob, refuse, and slate. In fact nothing was allowed to lay on the roadways. Mine was well lighted by electric lights on haulage roads, was always moist and I trust his successor will keep it in the same good condition. Wire on haulage roads is grooved in roof at low places or where track had been raised for grade. Plenty of timber was always on hand, and good discipline was insisted on. A tonnage of 1,500 tons per day is available. Coal is handled from face to side track by mules, then outside by two motors. There are a few machine miners, the balance of the coal being mined by pick. Ventilation is produced by a 20-foot steam drive fan, producing 80,000 cubic feet per minute. I have never had to issue a recommendation at this mine. The law is lived up to in every respect. Records show one fatal accident.

J. J. LINCOLN, *General Manager.* JAS. HUDSON, *Mine Foreman.*
J. A. GRANTHAN, *General Mine Foreman* C. R. BRYANT, *Assistant Foreman.*
(Resigned.)
JOSEPH MCCRICKARD, *General Mine Foreman*
(Successor to Mr. Granthan.)

WELCH COAL AND COKE COMPANY.

WELCH.

No. 1161. *Welch.*—This mine is located at "Hemphill", is one mile west of Welch, on a branch line off the main line of the Norfolk and Western Railway and operates the Welch seam, four feet thick. The fan is 12 feet in diameter, producing 31,200 cubic feet per minute. Current is continuous with not less than 7,000 cubic feet at last break-through. The coal is cut by pick and air machines. Miner puts his coal to neck of room, it is then hauled by mules to sidetracks, then by electric locomotives two miles to plane 700 feet long, where it is conveyed by monitor to tipple. This mine has installed electric haulage during the year and has done away with the gasoline motors. I have always found plenty of supplies on hand and have never had cause during this fiscal year to make any recommendations as I considered the mine to be up to standard and the manager in line of co-operation. There are no fatal accidents reported for this mine. Mine has worked less than half time.

F. J. BAXTER, *Superintendent.* G. T. CASTLE, *Mine Foreman.*

WEST VIRGINIA POCAHONTAS COAL COMPANY.

LECKIE.

No. 1162. *Number 1.*—This mine is located at the head of Tug Fork Branch of the Norfolk and Western Railway and operates the Pocahontas No. 3 seam, eight feet thick. Roof is good until outcrop is reached, then we get vertical feather edge slugs, which can be seen and must be timbered. I have always found drainage, ventilation and general safety good. Coal is all shot by permissible powder and electric battery. Ventilation is produced by a five foot fan which produces 40,000 cubic feet per minute, and is well distributed at face. System of mining is by Panel and a percentage of 92% is being extracted. I want to commend the officials of this plant for always doing their duty and carrying out the law in full. They have a clean record for no fatal accidents since the mine started some five years ago. They have complied with every request I have made, forbid dangerous practices and compel all who work under them to observe the law. Each man is given a copy of the law and rules of the District and instructed to read and observe them. Mules and electric locomotives haul the coal to side tracks and plane to tipple. Everything is neat and clean around the plant and town, and the President, Hon. William Leckie has spent considerable money in uplift work among the miners. Each year a family gets a turkey and single men a box of cigars, and everything is done to make the miner comfortable. This mine has a tonnage of 700 tons per day. Mine has an average of half time.

WILLIAM LECKIE, *President*.
W. B. BEAL, *General Superintendent*.
WILLIAM M. SMITH, *Superintendent*.
G. R. GREER, *Mine Foreman*.
AMBUS DENNY, *Assistant Foreman*.

WEST VIRGINIA POCAHONTAS COAL COMPANY.

LECKIE.

No. 1163. *Number 2.*—This mine is located at the head of Tug Fork Branch of the Norfolk and Western Railway, on the opposite hill from No. 1 mine and operates the Pocahontas No. 3 seam, seven and one-half feet thick. Roof in this mine is good until outcrop is reached, when it gets feather edge slugs, standing vertical and must be timbered as soon as seen. Coal is mined by pick and electric machine, shot by permissible powder and battery. Powder is kept separate from exploders in holes thirty feet apart. Clay is used for tamping. Coal is hauled by mule to side tracks, then by electric locomotive to tipple. I have had nothing to recommend during the year as the law was lived up to in every respect. Ventilation is produced by a six-foot fan, producing 37,000 cubic feet per minute and well distributed at face. Daily tonnage of 500 tons. This mine is under the same laws of sanitation as No. 1 mine, and miners live in the same town. All supplies are on hand as required by law, and monthly accident sheet posted, with special rules, &c.

WILLIAM LECKIE, *President*.
W. W. SMITH, *Superintendent*.
R. B. SMITH, *Mine Foreman*.
T. H. WILLIAMS, *Chief Engineer*.

TWELFTH DISTRICT.

GENERAL SUMMARY FOR THE TWELFTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1915.

COUNTY	No. of Operating Mines.	No. of Persons Killed.	EMPLOYES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Coal Loaders.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Grand Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Mc Dowell (Part)	50	26	1,437	847	167	1,122	3,573	631	46	677	4,250	3,618,447	56,466
Mingo.....	39	28	45	1,077	259	932	2,313	687	......	687	3,000	2,538,174	....
Wayne....	1	....	......	......	8	65	73	9	......	9	82	51,458	....
Totals...	90	54	1,482	1,924	434	2,119	5,959	1,327	46	1,373	7,332	6,208,079	56 466

STATEMENT SHOWING NAMES OF COMPANIES AND MINES INSPECTED IN THE TWELFTH DISTRICT DURING THE YEAR ENDING JUNE 30, 1915.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL COUNTY			
Bell Coal Mining Co.	Cambridge	11-19-14	E. C. Lambert
Bell Coal Mining Co.	Cambridge	12-31-14	E. C. Lambert
Buckhannon Coal Co.	Buckhannon	2- 8-15	E. C. Lambert
Colonial-Pocahontas Coal Co.	Colonial Poca	12- 2-14	E. C. Lambert
Colonial-Pocahontas Coal Co.	Colonial Poca	2- 6-15	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	7-29-14	E. C. Lambert
Carter Coal Co.	No. 6	7-30-14	E. C. Lambert
Carter Coal Co.	No. 1	7-31-14	E. C. Lambert
Carter Coal Co.	No. 2	7-31-14	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	8-11-14	E. C. Lambert
Carter Coal Co.	No. 8	8-12-14	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	11-18-14	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	12-10-14	E. C. Lambert
Carter Coal Co.	No. 6	12-11-14	E. C. Lambert
Carter Coal Co.	Caretta	12-16-14	E. C. Lambert
Carter Coal Co.	Caretta	12-17-14	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	12-30-14	E. C. Lambert
Carter Coal Co.	Coalwood Shaft	2- 2-15	E. C. Lambert
Carter Coal Co.	No. 1	2- 3-15	E. C. Lambert
Carter Coal Co.	No. 2	2- 3-15	E. C. Lambert
Carter Coal Co.	No. 8	2- 4-15	E. C. Lambert
Carter Coal Co.	No. 6	6- 3-15	P. P. Kerr
Carter Coal Co.	Nora	6- 4-15	P. P. Kerr
Cumberland Cannel Coal Co.	Gem	1-29-15	E. C. Lambert
Davy Pocahontas Coal Co.	Davy Poca	11-21-14	E. C. Lambert
Davy Pocahontas Coal Co.	No. 2	5- 3-15	P. P. Kerr
Davy Pocahontas Coal Co.	No. 1	5- 4-15	P. P. Kerr
Davy Pocahontas Coal Co.	No. 1	5- 6-15	P. P. Kerr
Davy Pocahontas Coal Co.	No. 1	5- 6-15	Isaac Murray
Dry Fork Collieries Co.	Dry Fork	1-28-15	E. C. Lambert
Evans Coal Co.	Central West	1-29-15	E. C. Lambert
Excelsior-Pocahontas Coal Co.	Excelsior	12-15-14	E. C. Lambert
Excelsior-Pocahontas Coal Co.	Excelsior	3-22-15	E. C. Lambert
Excelsior-Pocahontas Coal Co.	Excelsior	3-23-15	E. C. Lambert
Flanagan Coal Co.	No. 1	11-20-14	E. C. Lambert
Flanagan Coal Co.	No. 2	11-20-14	E. C. Lambert
Flanagan Coal Co.	No. 2	5- 4-15	P. P. Kerr
Flat Top Coal Mining Co.	Thomas	2- 9-15	E. C. Lambert
Henrietta-Pocahontas Coal Company	Henrietta	1-27-15	E. C. Lambert
J. B. B. Coal Co.	No. 2	2-16-15	E. C. Lambert
J. B. B. Coal Co.	No. 2	2-17-15	E. C. Lambert
J. B. B. Coal Co.	No. 4	2-18-15	E. C. Lambert
J. B. B. Coal Co.	No. 3	2-19-15	E. C. Lambert
J. B. B. Coal Co.	No. 3	6-10-15	P. P. Kerr
John's Branch Coal Co.	John's Branch	12- 4-14	E. C. Lambert
John's Branch Coal Co.	John's Branch	3-24-15	E. C. Lambert
Lathrop Coal Co.	Lathrop	1-20-15	E. C. Lambert
Lathrop Coal Co.	Lathrop	6-17-15	P. P. Kerr
Lone Jack Coal Mining Co.	Lone Jack	2- 6-15	E. C. Lambert
Miller Coal Co.	Miller	1-29-15	E. C. Lambert
Mohawk Coal & Coke Co.	Mohawk	1-19-15	E. C. Lambert
Mohawk Coal & Coke Co.	Mohawk	6-16-15	P. P. Kerr
New Pocahontas Coal Co.	New Pocahontas	11-27-14	E. C. Lambert
New Pocahontas Coal Co.	New Pocahontas	4-14-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	Berwind No. 2	9- 7-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	No. 2	9- 8-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	No. 1	9- 9-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	No. 3	9-10-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	No. 4	9-11-14	E. C. Lambert
New River and Pocahontas Cons. Coal Co.	No. 2	5-18-15	P. P. Kerr
New River and Pocahontas Cons. Coal Co.	No. 1	5-19-15	P. P. Kerr
New River and Pocahontas Cons. Coal Co.	No. 3	5-20-15	P. P. Kerr
Panther Coal Co.	Panther	1-21-15	E. C. Lambert
Panther Coal Co.	Panther	6-17-15	P. P. Kerr
Pocahontas-Domestic Coal Co.	Pocahontas Domestic	12- 5-14	E. C. Lambert
Pocahontas-Domestic Coal Co.	Pocahontas-Domestic	2- 5-15	E. C. Lambert
Premier-Pocahontas Colls. Co.	Nos. 2 & 2½	5-10-15	P. P. Kerr
Premier-Pocahontas Colls. Co.	No. 1	5-11-15	P. P. Kerr
Premier-Pocahontas Colls. Co.	No. 3	5-12-15	P. P. Kerr
Premier-Pocahontas Colls. Co.	Nos. 4 & 5	5-13-15	P. P. Kerr
Solvay Collieries Co.	Marytown	2-23-15	E. C. Lambert
Solvay Collieries Co.	Marytown	2-24-15	E. C. Lambert
Solvay Collieries Co.	Big Sandy	2-25-15	E. C. Lambert

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
McDOWELL CO.—Continued			
Solvay Collieries Co.	Big Sandy	2-26-15	E. C. Lambert
Solvay Collieries Co.	Big Sandy	6- 8-15	P. P. Kerr
Solvay Collieries Co.	Marytown	6- 9-15	P. P. Kerr
Superior-Pocahontas Coal Co.	Helena	11-24-14	E. C. Lambert
Superior-Pocahontas Coal Co.	Davy Crockett	11-25-14	E. C. Lambert
Superior-Pocahontas Coal Co.	Blackstone	11-26-14	E. C. Lambert
Superior-Pocahontas Coal Co.	Cletus	11-28-14	E. C. Lambert
Superior-Pocahontas Coal Co.	Davy Crockett	5-31-15	P. P. Kerr
Vaughn Construction Co.	Vaughn	6- 7-15	P. P. Kerr
War Creek Coal Co.	War Creek	12- 7-14	E. C. Lambert
War Creek Coal Co.	War Creek	1-25-15	E. C. Lambert
Warrior Coal Co.	Warrior	6-29-15	P. P. Kerr
Yukon-Pocahontas Coal Co.	Yukon	12- 3-14	E. C. Lambert
Yukon-Pocahontas Coal Co.	Yukon	12- 6-14	E. C. Lambert
Yukon-Pocahontas Coal Co.	Yukon	12-14-14	E. C. Lambert
Yukon-Pocahontas Coal Co.	Yukon	1-26-15	E. C. Lambert
Yukon-Pocahontas Coal Co.	Yukon	5-17-15	P. P. Kerr
MINGO COUNTY			
Buffalo Collieries Co.	Buffalo	10- 8-14	E. C. Lambert
Buffalo Collieries Co.	Coalburg	10- 8-14	E. C. Lambert
Buffalo Collieries Co.	Buffalo	10- 9-14	E. C. Lambert
Buffalo Collieries Co.	Coalburg	5-28-15	P. P. Kerr
Crystal Block Coal & Coke Company	Coalburg	1-22-15	E. C. Lambert
Crystal Block Coal & Coke Company	Crystal Block	1-22-15	E. C. Lambert
Glenalum Coal Co.	No. 4	9-28-14	E. C. Lambert
Glenalum Coal Co.	No. 2	9-29-14	E. C. Lambert
Glenalum Coal Co.	No. 3	9-29-14	E. C. Lambert
Glenalum Coal Co.	No. 1	9-30-14	E. C. Lambert
Glenalum Coal Co.	No. 4	3- 1-15	E. C. Lambert
Glenalum Coal Co.	No. 2	3- 2-15	E. C. Lambert
Glenalum Coal Co.	No. 3	3- 2-15	E. C. Lambert
Glenalum Coal Co.	No. 1	3-26-15	E. C. Lambert
Glenalum Coal Co.	Nos. 2 & 3	6-14-15	P. P. Kerr
Glenalum Coal Co.	Nos. 1 & 4	6-15-15	P. P. Kerr
Grey Eagle Coal Co.	Grey Eagle	5-27-15	P. P. Kerr
Howard Colliery Co.	Frederick	10- 7-14	E. C. Lambert
Howard Colliery Co.	No. 3	10-12-14	E. C. Lambert
Howard Colliery Co.	Coalburg Nos. 1 & 2	10-13-14	E. C. Lambert
Howard Junior Coal Co.	Howard	10-14-14	E. C. Lambert
Howard Junior Coal Co.	Coalburg Nos. 1 & 2	10-15-14	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	9- 3-14	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	10-19-14	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	12-22-14	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	1-14-15	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	4-10-15	E. C. Lambert
Margaret Mining Company	Margaret	8-26-14	E. C. Lambert
Margaret Mining Company	Margaret	1-15-15	E. C. Lambert
Mingo Washed Coal Co.	Ajax	11- 7-14	E. C. Lambert
Naugatuck Coal Co.	Blockton	5-26-15	P. P. Kerr
Red Jacket Consol. Coal & Coke Company	Grapevine	7-24-14	E. C. Lambert
Red Jacket Consol. Coal & Coke Company	Rutherford	1- 8-15	E. C. Lambert
Red Jacket Consol. Coal & Coke Company	Mitchell Branch	1- 9-15	E. C. Lambert
Red Jacket Consol. Coal & Coke Company	Mitchell Branch	1-10-15	E. C. Lambert
Red Jacket Consol. Coal & Coke Company	Mitchell Branch	1-12-15	E. C. Lambert
Red Jacket Consol. Coal & Coke Company	Red Jacket	1-13-15	E. C. Lambert
Red Jacket Jr., Coal Co.	No. 2	1- 6-15	E. C. Lambert
Red Jacket Jr., Coal Co.	No. 1	1- 7-15	E. C. Lambert
Sternberger, E. L. Coal Co.	Sternberger	10-20-14	E. C. Lambert
Stone Mountain Coal Co.	Marvin	9- 4-14	E. C. Lambert
Stone Mountain Coal Co.	Marvin	1- 4-15	E. C. Lambert
Stone Mountain Coal Co.	Stone Mountain	2-12-15	E. C. Lambert
Stone Mountain Coal Co.	Stone Mountain	4-10-15	E. C. Lambert
Superior-Thacker Coal & Coke Co.	Garner	10- 2-14	E. C. Lambert
Sycamore Coal Co.	No. 7	8-10-14	E. C. Lambert
Sycamore Coal Co.	Sycamore	4-26-15	E. C. Lambert
Sycamore Coal Co.	Nos. 4-5 & 6	4-27-15	E. C. Lambert
Thacker Coal & Coke Co.	Thacker	12-23-14	E. C. Lambert
Thacker Coal & Coke Co.	No. 3	4- 5-15	E. C. Lambert
Thacker Coal & Coke Co.	No. 8	4- 6-15	E. C. Lambert
Thacker Coal & Coke Co.	No. 9	4- 6-15	E. C. Lambert
Thacker Coal & Coke Co.	No. 13	4- 7-15	E. C. Lambert
Thacker Coal & Coke Co.	No. 14	4- 7-15	E. C. Lambert
Thacker Coal & Coke Co.	No. 11	4- 8-15	E. C. Lambert
War Eagle Coal Co.	Pappoose	8-24-14	E. C. Lambert
War Eagle Coal Co.	War Eagle	8-24-14	E. C. Lambert

COMPANIES AND MINES INSPECTED.—Continued.

NAME OF COMPANY	NAME OF MINE	Date of Inspection	By Whom Inspected
MINGO CO.—Continued			
War Eagle Coal Co.	Mephisto	1-18-15	E. C. Lambert
War Eagle Coal Co.	Pappoose	1-18-15	E. C. Lambert
White Star Mining Co.	No. 2.	7-22-14	E. C. Lambert
White Star Mining Co.	Alma.	3-29-15	E. C. Lambert
White Star Mining Co.	No. 1.	3-29-15	E. C. Lambert
Williamson Coal & Coke Co.	Nos. 1 & 3.	10- 5-14	E. C. Lambert
Williamson Coal & Coke Co.	Coalburg	10- 5-14	E. C. Lambert
Williamson Coal & Coke Co.	No. 6.	10-21-14	E. C. Lambert
WAYNE COUNTY			
East Lynn Coal Co.	East Lynn	9- 1-14	E. C. Lambert
East Lynn Coal Co	East Lynn	5-25-15	P. P. Kerr

INSPECTOR'S REPORT.

WILLIAMSON, W. VA., October 7, 1915.

HON. EARL A. HENRY,
Chief of Department of Miines,
Charleston, W Va.

DEAR SIR:

In compliance with the Mining Law, I herewith respectfully submit to you my annual report as inspector of the mines in the Twelfth District for the year ending June 30th, 1915.

As I have only been inspector for a short time, I have no data at hand with which to compare the production and the numer of accidents for the year, compared with the previous years.

Respectfully submitted,
P. P. KERR, *Inspector Twelfth Distriict.*

MINGO COUNTY.

BUFFALO COLLIERY COMPANY.

CHATTAROY.

No. 1201. *Buffalo Nos. 1 and 2.*—These mines are located at Chattaroy, and have drift openings in the Winifrede and Coalburg seam, the average thickness of which is from 50 to 60 inches, with a good roof in the Winifrede seam and poor roof in the Coalburg seam, which requires careful timbering. Timbering in the Coalburg seam is only in fair condition. Doors and stoppings good. Drainage good. Ventilation produced by a 5 foot Robertson and Stine fan and is good. The mines are damp and no explosive is generated. The coal is undercut by Goodman shortwall machines, and hauled by mules and steam and electric locomotive. These mines have an average output of 600 tons per day. The mining law is being complied with, with the exception of the timbering in the Coalburg seam.

F. B. PRESTON, *Superintendent.* D. S. HOLMES, *Mine Foreman.*

CRYSTAL BLOCK COAL & COKE COMPANY.

RAWL.

No. 1202. *Crystal Block.*—There mines are located at Rawl, on the main line of the N. & W. Railway, operating the Winifrede and Coalburg seam of coal, which has an average thickness of six feet, with a good top in most places. Doors and stoppings in good condition. Ventilation is produced by 2 five-foot fans and is good. Drainage good. Every precaution is taken by the officials of this company to prevent accident. The mining law is being complied with in every respect. The coal is undercut with electric chain machines, and hauled with electric locomotives.

C. M. GATES, *Genl. Manager.* MICHELL HOFFESTERTTER, *Mine Foreman.*
M. V. CRIGGER, *Superintendent.*

CRYSTAL BLOCK COAL & COKE COMPANY.

SPRIGG.

No. 1203. *Crystal Block No. 2.*—This mine is located at Sprigg, on the Alma Branch of the N. & W. Railway, on the location formerly occupied by the Great Bend Coal Co. These are drift openings operated in the Winifrede and Coalburg seam, and have just been opened up and very little coal shipped. The plant has been remodeled, and a complete new and up-to-date line of equipment has been installed.

C. M. GATES, *Genl. Manager.* W. H. STEEN, *Mine Foreman.*
E. H. GATES, *Superintendent.*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1204. *No. 1.*—This mine is located at Glen Alum, on the Glen Alum branch of the N. & W. Railway, and is a drift opening, operating the Thacker seam, which has an average thickness of 5½ feet, with a bad roof, which requires careful timbering. Drainage and stoppings good. Doors fair. No explosive gas is liberated and the mine is damp throughout. The coal is undercut with electric chain machines and hauled by electric locomotives. The mining law in other respects is being complied with.

MORRIS WATTS, *Genl. Manager.* EDD BUCHANAN, *Mine Foreman.*
J. W. YOST, *Superintendent.*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1205. *Nos. 2 and 3.*—These mines are located at Glen Alum on the Glen Alum branch of the N. & W. Railway, and are drift openings, operating the Thacker seam, which has an average thickness of six feet, with a fair top. Ventilation at the working faces is fair. Doors, stoppings, and brattices are fair. No explosive gas is generated, and the mines are naturally damp. The coal is undercut with electric chain machines, and hauled by electric locomotives.

J. W. YOST, *Superintendent.* J. V. SCOTT, *Mine Foreman.*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1206. *No. 4.*—This mine is located at Glen Alum, on the Glen Alum branch of the N. & W. Railway, and is a drift opening, operating the Thacker seam of coal, which has an average thickness of 6½ feet, with a good top, the timbering of which is not good. Ventilation at the working face is fair. Doors and stoppings fair. No explosive gas is liberated, and the mine is naturally damp throughout. The coal is undercut with electric chain machines, and hauled with mules and electric locomotives.

MORRIS WATTS, *Genl. Manager.* J. M. ROACH, *Mine Foreman.*
J. W. YOST, *Superintendent.*

GRAY EAGLE COAL COMPANY.

KERMIT.

No. 1207. *Gray Eagle.*—This mine is a shaft opening, located on the main line of the N. & W. Railroad, near Kermit, and operating the No. 2 Gas seam, which has an average thickness of 56 inches, with a good sand stone roof. Drainage is good. Doors and stoppings are in good condition. Ventilation is produced by a 12 foot centrifugal fan and is good. The mine is inclined to be damp in all sections, and no explosive gas is generated. The coal is undercut with Goodman shortwall machines, and hauled by mules and electric locomotives. This mine has an average output of three hundred and fifty tons per day. The mining Law is complied with.

F. W. PERRY, *Genl. Manager.* L. J. BLANKENSHIP, *Mine Foreman.*

HOWARD COLLIERY COMPANY.

CHATTAROY.

No. 1208. *Howard Nos. 1 and 2.*—These mines are located at Chattaroy, on the Chattaroy branch of the N. & W. Ry., and operating the Winifrede and Coalburg seams, which have an average thickness of 5 feet, with a good roof. Drainage good. Doors and stoppings good. Ventilation produced by two disc fans, is good. Mines are damp and no explosive gas is generated. Coal is undercut with compressed air and electric cutting machines and hauled by mules and steam locomotives.
W. S. ESTLER, *Superintendent.* J. H. KIDWELL, *Mine Foreman.*

HOWARD JR. COAL COMPANY.

CHATTAROY.

No. 1209. *Howard Jr., Nos. 1 and 2.*—These mines are located at Chattaroy, on the Chattaroy branch of the N. & W. Ry., operating the Winifrede and Coalburg seams of coal, which has an average thickness of 5 feet, with good sand stone roof in No. 1 mine, and slate roof in No. 2 mine. Drainage good. Ventilation produced by a fan is good. Mines are damp and no explosive gas is generated. Coal is undercut by compressed air machines and hauled by mules and steam locomotives.
W. S. ESTLER, *Superintendent.* E. B. VARNEY,, *Mine Foreman.*

MAGNOLIA COAL & COKE COMPANY.

MATEWAN.

No. 1210. *Magnolia.*—This mine is located at Matewan, on the main line of the N. & W. Ry., and is a drift opening operating the Thacker seam, which has an average thickness of 44 inches, with a fairly good slate roof. Drainage is good. Doors and stoppings fair. Ventilation, produced by an 8 foot disc fan, is good. Mine is generally damp and no explosive gas generated. Coal is undercut with compressed air punching machines and hauled by mules and gasoline motors.
JAS. F. BEVAERS, *President and General Manager.* G. T. BOOTH, *Mine Foreman.*

MARGARET MINING COMPANY.

WAR EAGLE.

No. 1211. *Margaret.*—This mine is located on the Turkey Creek Branch of the N. & W. Ry., near War Eagle, and is a drift mine, operating the No. 1 Eagle seam, which has an average thickness of 5 feet, with a sandstone roof, which is generally good throughout the mine. Drainage good. Doors and stoppings good. Ventilation produced by a 12 foot Centrifugal Fan, is good. Coal is undercut with compressed air punching machines and hauled to side track by mules and from there by steam locomotives. No explosive gas is generated, and the mine is in a naturally damp condition the year around.
T. A. SHEWEY, *Superintendent.* J. H. BRUMFIELD, *Mine Foreman.*

MARY HELEN COAL COMPANY.

HATFIELD.

No. 1212. *Mary Helen Nos. 1 and 2.*—These mines are located at Hatfield, on the main line of the N. & W. Railway, and are drift openings, operating the Winifrede and Thacker seams, which have an average thickness of six and four feet, respectively. The coal is hauled by mules and electric locomotives. The mining law is complied with.
S. V. PRESTON, *Superintendent.* W. H. KIRKPATRICK, *Mine Foreman.*

NAUGATUCK COAL COMPANY.

BLOCKTON.

No. 1213. *Naugatuck.*—This mine is located in Blockton, and is a drift opening, operating the Coalburg seam, which has an average thickness of 5 feet, with a roof that is bad in some sections. Drainage is good. Doors and stoppings are only in fair condition. Ventilation is produced by a 12 foot centrifugal fan divided into two separate splits, and is good when doors and stoppings are in first class condition. The mine is damp and no explosive gas is generated. The coal is undercut by Goodman Shortwall Machine, and hauled by electric and steam locomotive. The mine Law in other respects is complied with.

JOHN S. CRUGER, *Superintendent and General Manager.* H. J. REID, *Mine Foreman.*

RED JACKET CONSOLIDATED COAL COMPANY.

EDGARTON.

No. 1214. *Grape Vine.*—This mine is located near Velorme, on the main line of the N. & W. Railway, and is a drift opening, operating the Alma seam of coal, which has an average thickness of six feet, with a good top. Drainage fair. Doors and stoppings in good condition. Ventilation at the working face is good. This mine has been remodeled during the past year inside and out. The mine has been cleaned up from the drift mouth to the face of the main entry, and new tracks laid. Space has been left all along the main entry for the men to get out of the way of trips and moving cars. A new up-to-date tipple and power house has been installed, also a new incline and head house. Separate incline and hoist has been installed for hoisting and lowering the men and supplies. The coal is cut in the center with Jeffery breast machines mounted on trucks, and hauled by mules.

W. N. CUMMINGS, *Genl. Superintendent.* W. L. MARSHALL, *Mine Foreman.*
W. A. WILSON, *Superintendent.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No. 1215. *Mitchell Branch.*—This mine is located at Red Jacket, and is a drift opening, operating the Thacker seam, which has an average thickness of 54 inches, with a good slate roof. Drainage good. Ventilation produced by a fan, is fair. There were too many men working on one split, otherwise mine was in good condition. Coal is undercut with electric chain machines, and gathered and hauled by electric motors.

W. N. CUMMINS, *Genl. Superintendent.* W. H. WILSON, *Superintendent.*
J. W. CUNNINGHAM, *Mine Foreman.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No. 1216. *Red Jacket Junior No. 1.*—This mine is located at Red Jacket, and is a drift opening, operating the Thacker seam, which has an average thickness of 52 inches, with a good roof. Doors and stoppings good. Drainage good. Ventilation produced by an 8 foot disc fan, is good. Mine is damp and no explosive gas is generated. Coal is undercut with electric chain machines, and hauled by electric motors.

W. N. CUMMINS, *Genl. Superintendent.* W. H. WILSON, *Mine Superintendent.*
C. L. MCKINNON, *Mine Foreman.*

RED JACKET JR. COAL COMPANY.

RED JACKET.

No. 1217. *Red Jacket Jr. No. 2.*—This mine is located at Red Jacket, and is a drift opening, operating the lower bench of the Thacker seam, which has an average

thickness of 56 inches. with a good roof. Doors and stoppings good. Drainage good. Ventilation produced by a fan, is good. Mine is naturally damp and no explosive gas is generated. Coal is undercut with electric chain machines, and gathered and hauled by motors. Mine law is well complied with.
W. N. CUMMINS, *Genl. Superintendent.* W. H. WILSON, *Superintendent.*
C. L. MCKINNON, *Mine Foreman.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No. 1218. *Rutherford.*—This mine is located at Red Jacket, and is a drift opening, operating the Thacker seam, which has an average thickness of 54 inches, with a good roof. Drainage good. Doors and stoppings in fair condition. Ventilation is produced by a fan and is good. Mine is generally damp and no explosive gas is generated. Coal is undercut with electric chain machines, and gathered and hauled by motors.
W. N. CUMMINS, *Genl. Superintendent.* GEO. WILBURN, *Mine Foreman.*
W. H. WILSON, *Superintendent.*

E. L. STERNBERGER COAL COMPANY.

GOODMAN.

No. 1219. *Goodman.*—This mine is located at Goodman, on the main line of the N. & W. Ry., and consists of a number of drift openings, operating the Winifrede seam which has an average thickness of 6 feet, with a good sandstone roof, except in some few sections. Drainage good. Doors and stoppings good. Ventilation produced by two disc fans is good. Mine is naturally damp and no explosive gas is generated. Coal is undercut by compressed air post punching machines, and hauled by mules and gasoline motor.
O. B. GOULD, *Superintendent.* CHAS. G. MAY, *Mine Foreman.*

STONE MOUNTAIN COAL COMPANY.

(Formerly Marvin Coal Company.)

MATEWAN.

No. 1220. *Marvin.*—This mine is located at Matewan, on the main line of the N. & W. Ry., and is a drift opening, operating the Thacker seam, which has an average thickness of 44 inches, with a good slate roof. Drainage good. Doors and stoppings fair. Ventilation produced by a 6 foot disc fan is good. Coal undercut with electric short wall chain machines and hauled by electric motors.
J. BODY, *Superintendent and*
Mine Foreman.

SUPERIOR TRACKER COAL & COKE COMPANY.

WILLIAMSON.

No. 1121. *Superior Thacker.*—This mine is located at Williamson on the Williamson Branch of the N. & W. Ry., and is a drift opening, operating the Thacker seam, which has an average thickness of 50 inches, with a good roof. Drainage good. Doors and stoppings fair. Ventilation produced by a furnace, is fair. Mine is naturally damp and no explosive gas generated. Coal is undercut with electric chain machines and hauled with mules and electric motors.
M. O. RANDOLPH, *Superintendent.* T. A. MITCHELL, *Mine Foreman.*

SYCAMORE COAL COMPANY.

CINDERELLA.

No. 1222. *Cinderella.*—This mine is located five miles from Williamson, on the Sycamore Branch of the N. & W. Ry. It consists of a number of drift openings, operating the Winifrede Seam of coal, which has an average thickness of 5 feet,

with a bad roof in some sections, which requires careful timbering. Drainage good. Doors and stoppings good. Ventilation produced by three fans is good. Mine is naturally damp and no explosive gas is generated. Coal is all undercut with electric chain machines and hauled with mules and electric motors.
EVAN THOMAS, *Superintendent.* BOB ERSKINE, *Mine Foreman.*

THACKER COAL & COKE COMPANY.

THACKER.

No. 1223. *Thacker Nos. 3, 6, 7, 8 and 9.*—These mines are located at Thacker Mines, on the Thacker branch of the N. & W. Railway, and are drift openings operating the Thacker seam, which has an average thickness of six feet with a bad top. The coal from the 5 drifts come through the one tipple. Ventilation produced by two fans is good. The mines are naturally damp and no explosive gas is liberated. The coal is undercut with electric chain machines, hauled by mules and electric locomotives. The mining law is being complied with at these mines.
BENJAMIN LEWIS, *Genl. Superintendent.* CHARLES SIGMOND, *Mine Foreman.*
JOHN M. LEWIS, *Superintendent.* FRED MILLER, *Mine Foreman.*

THACKER FUEL COMPANY.

NEW THACKER.

No. 1224. *Thacker Nos. 11, 12, 13 and 14.*—These mines are located on the Lick Fork Branch of the N. & W. Railroad, and are drift openings, operating the Thacker seam, which has an average thickness of 52 inches. Doors and stoppings in good condition. Ventilation produced by a 7 foot Disc fan is good. This mine is naturally damp, and no explosive gas is generated. The coal is undercut with electric chain machines, hauled to the outside by electric locomotives, and from the drift mouth to the tipple by steam locomotives. The coal from the four drifts is dumped from the one tipple, known as No. 11 mine.
JOHN M. LEWIS, *Superintendent.* WATT STEVENS, *Mine Foreman.*
JOHN MASSING, *Asst. Superintendent.* C. E. HORN, *Mine Foreman.*

WAR EAGLE COAL COMPANY.

WAR EAGLE.

No. 1225. *Mephisto.*—This mine is located on the Turkey Creek Branch of the N. & W. Ry., near War Eagle, and is a drift opening operating the No. 1 Eagle seam of coal, which has an average thickness of 6 feet, with a good sandstone roof. Drainage good. Doors and stoppings good. Ventilation produced by a 5 foot disc fan, is good. Coal is mined with compressed air punching machines and hauled with mules and a steam locomotive. No explosive gas is generated and the mine is naturally wet the year around.
G. W. COFFEY, *Superintendent.* S. S. BARNETT, *Mine Foreman.*

WAR EAGLE COAL COMPANY.

WAR EAGLE.

No. 1226. *Pappoose.*—This mine is located on the Turkey Creek Branch of the N. & W. Ry., near War Eagle, and is a drift opening, operating the No. 1 Eagle seam, which has an average thickness of 6 feet, with a good sandstone roof. Drainage good. Doors and stoppings good. Ventilation produced by a fan, is good. Coal is mined with compressed air punching machines and hauled by mules and a steam locomotive.
G. W. COFFEY, *Superintendent.* J. K. COFFEY, *Mine Foreman.*

WILLIAMSON COAL & COKE COMPANY.

WILLIAMSON.

No. 1227. *Williamson.*—This mine is located on the Williamson Branch of the N. & W. Ry. It consists of a number of drift openings, operating the Winifrede and Thacker seams, with an average theikness of 5 feet, with a good sandstone

roof. Doors and stoppings good. Drainage good. Ventilation produced by two disc fans, is good. The different openings are naturally damp and no explosive gas is generated. The coal is undercut with electric chain machines and hauled with mules and electric motors. The mine law is generally well complied with.
H. H. KELLY, *Superintendent.* M. T. BOWMAN, *Mine Foreman.*

WHITE STAR MINING COMPANY.

MERRIMAC.

No. 1228. *White Star No. 1.*—This mine is located at Merrimac on the main line of the N. & W. Ry., and is a drift opening, operating the Alma seam, which has an average thickness of 42 inches, with a good slate roof. Drainage good. Doors and stoppings good. Ventilation produced by a 12 foot centrifugal fan is good. The mine is generally damp and no explosive gas generated. The coal is undercut with short wall electric chain machines and hauled with electric motors.
G. W. WELCH, *Superintendent.* LEWIS MCCOY, *Mine Foreman.*

WHITE STAR MINING COMPANY.

MERRIMAC.

No. 1229. *White Star No. 2.*—This mine is located at Merrimac on the main line of the N. & W. Ry., and is a drift opening, operating the Burnwell or Blackberry seam, which has an average thickness of 4½ feet, with a good slate roof. Drainage good. Doors and stoppings good. Ventilation produced by a 5 foot disc fan, is good. The mine is naturally dry and no explosive gas is generated. Coal is undercut with electric short wall machines and hauled with mules and electric motors.
G. W. WELCH, *Superintendent.* CHAS. THOMAS, *Mine Foreman.*

McDOWELL COUNTY.

BUCHANNON COAL COMPANY.

YUKON.

No. 1230. *Buchannon.*—This mine is located at Dry Fork, on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the War Creek seam, which has an average thickness of 36 inches, with a poor roof, which requires careful timbering. Doors and stoppings good. Drainage good. Ventilation produced by a 7 foot disc fan, is good. Mine naturally damp and a very small amount of explosive gas generated. Coal is pick mined and hauled by mules and gasoline motor.
J. L. BUCHANNON, *Superintendent.* M. A. HURLEY, *Mine Foreman.*

CARTER COAL COMPANY.

CARETTA.

No. 1231. *Caretta or No. 5.*—This mine is located at Caretta, on the Dry Fork Branch of the N. & W. Railroad, and is a slope opening, operating the War Creek seam, which has an average thickness of four feet, the roof requiring careful timbering. Stoppings are good. Doors and brattices fair. The mine in some sections is dusty. The coal is mined with electric chain machines, and hauled by Electric Locomotives. The mine law in other respects is being complied with.
C. A. GARTH, *Genl. Superintendent.* G. M. CAMERON, *Mine Foreman.*
Z. GRASS, *Superintendent.* J. T. LAWSON, *Fire Boss.*

CARTER COAL COMPANY.

COALWOOD.

No. 1232. *No. 3 East and West.*—These mines are located at Coalwood on the Clear Fork Branch of the N. & W. Ry., and are drift openings, operating the Sewell seam, which has an average thickness of 54 inches, the roof of which is good except some few sections. Doors and stoppings in fair condition. Drainage fair. Ventilation produced by two disc fans, 7 feet each in diameter, is good. No explosive gas is generated. Mine generally damp. Coal is pick mined and hauled with electric motors.

F. A. GARTH, *Superintendent.* E. C. HAWKS, *Mine Foreman.*

CARTER COAL COMPANY.

SIX.

No. 1233. *No. 6 Mine East and West.*—This mine is located two miles above Coalwood, on the Clearfork Branch of the N. & W. Railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of four feet, the roof of which requires careful timbering. At the time of inspection the timbering was found in only fair condition. Stoppings good. Doors and brattices in fair condition. Ventilation at the working face at the right side of the mine not good. Some sections very dusty. At the time the inspection was made M. T. Dixon, mine foreman, was removed on account of being incompetent. No explosive gas is generated in this mine. The coal is undercut by electric chain machines, hauled by electric locomotives.

T. A. GARTH, *Genl. Superintendent.* M. T. DIXON, *Mine Foreman.*
J. R. DAILY, *Superintendent.*

CARTER COAL COMPANY.

COALWOOD.

No. 1234. *Nora.*—This mine is located at Coalwood, on the Clearfork branch of the N. & W. Railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of 44 inches. Ventilation at the working face good; stoppings good; doors fair; timbering fair, with regular system of timbering in practice. Some sections are very dusty. The coal is mined with electric chain machines and hauled by electric locomotives. The mine foreman at this mine was removed at the time of inspection on account of being incompetent.

T. A. GARTH, *Superintendent.* J. J. BODY, *Mine Foreman.*

CARTER COAL COMPANY.

COALWOOD.

No. 1235. *Olga Shaft.*—This mine is located at Coalwood, on the Clearfork Branch of the N. & W. Railroad, and is a shaft mine, working the No. 4 Pocahontas seam. Ventilation is produced by a 16-foot Jeffrey fan, which gives ample ventilation throughout the mine. The stoppings at present are only temporary, the Company is making provision to have concrete stoppings throughout the mine. Gas is liberated very freely. This mine is inclined to be damp in all sections. All supplies required by the law are kept on hand.

T. A. GARTH, *General Superintendent.* CON WEYMOUTH, *Mine Foreman.*
JOE BISHOP, *Superintendent.* J. H. ESTEP, *Fire Boss.*
JAS. BUCHANAN, *Fire Boss.*

COLONIAL POCAHONTAS COAL COMPANY.

AVONDALE.

No. 1236. *Colonial Pocahontas.*—This mine is located on the Dry Fork Branch of the N. & W. Ry. at Avondale, and is a drift opening, operating the Bartley seam, which has an average thickness of 3 feet, with a good sand stone roof. Ventilation produced by a furnace is poor. Doors and stoppings bad. Coal is pick mined. On last inspection coal was being hauled with gasoline motor, operating on intake. Recommendations were made that this practice be stopped.

DON BARRICKELAW, *Superintendent.* T. B. FISHER, *Mine Foreman.*

CUMBERLAND CANNEL COAL COMPANY.

LEX.

No. 1237. *Gem Pocahontas*—(*Formerly Reynolds Mine.*)—This mine is located one mile above Lex, on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the Sewell seam, which has an average thickness of 30 inches, with a good roof. Doors and stoppings good. Drainage good. Ventilation produced by a furnace, is fair. Mine naturally damp, with a very small amount of explosive gas generated. Coal is pick mined and hauled by mules.

T. N. DAUGHERTY, *Superintendent and*
Mine Foreman.

DAVY POCAHONTAS COAL COMPANY.

RODERFIELD.

No. 1238. *No. 1.*—This mine is located on Spice Creek, near Roderfield, and is a drift opening, operating the War Creek seam, which has an average thickness of four feet. Door and stoppings only in fair condition. Ventilation is produced by a six-foot fan, and is not good on account of poor door and stoppings. The mine is inclined to be dusty in some sections, and explosive gas is liberated in the advance headings. The coal is undercut with Goodman Short wall machines, and hauled by mules and electric locomotive.

S. E. WARD, *Superintendent.* J. POWELL, *Foreman.*

DAVY POCAHONTAS COAL COMPANY.

RODERFIELD.

No. 1239. *No. 2.*—This mine is located on Spice Creek, near Roderfield, and is a drift opening, operated in the Sewell seam, which has an average thickness of 36 inches, with a good roof. Doors and stoppings in fair condition. Ventilation, produced by a 6-ft. fan is good. The coal is mined with picks and hauled by electric locomotives. No explosive gas is generated and the mine is damp and free from dust.

S. E. WARD, *Superintendent.* T. E. HUFFMAN, *Mine Foreman.*

DRY FORK COLLIERY COMPANY.

YUKON.

No. 1240. *Dry Fork.*—This mine is located at Dry Fork, on the Dry Fork Branch of the N. & W. Ry., and is a slope opening, operating the War Creek seam, which has an average thickness of 6 feet, with a good roof. Drainage good. Doors and stoppings in a fair condition. Ventilation produced by a 6-foot Sirocco fan is good, but not properly conducted to working places. Coal is pick mined, except one electric chain cutting machine, and is hauled by mules and electric motors. Mine is naturally damp and a very small amount of explosive gas generated.

W. T. WILLIAMS, *Superintendent.* W. H. POWELL, *Mine Foreman.*

EXCELSIOR POCAHONTAS COAL COMPANY.

EXCELSIOR.

No. 1241. *Excelsior No. 1.*—This mine is located at Excelsior, on the Dry Fork Branch of the N. & W. Ry. and is a drift opening, operating War Creek seam, which has an average thickness of 50 inches, with a good roof, except some sections on the right side of the mines. Doors and stoppings good. Ventilation, produced by a

6-foot Sirocco fan is good. No explosive gas is generated. The mine is generally damp except in some few sections. Coal is cut with Sullivan short wall machines and hauled with electric motors. The mine laws are generally well complied with.
J. A. HUDDLESTON, *President & General Manager.* M. C. ROBERTS, *Mine Foreman.*

EXCELSIOR POCAHONTAS COAL COMPANY.

EXCELSIOR.

No. 1242. *Excelsior No. 2.*—This mine is located at Excelsior, on the Dry Fork Branch of the N. & W. Railway, and is a drift opening, operating the War Creek seam, with an average thickness of six feet, with a good top. Ventilation at the working face good. Doors and stoppings good. No explosive gas is liberated, and the mine is naturally wet. The coal is cut in the center with mounted machines, and hauled by electric locomotives. This is a new mine, equipped to handle two thousand tons per day. The mining law is being complied with.
E. C. LAMBERT, *Superintendent.* CLEAVE CLINE, *Mine Foreman.*

FLAT TOP COAL MINING COMPANY.

ENGLISH.

No. 1243. *Thomas.*—This mine is located at English, on the Dry Fork Branch of the N. & W. Ry., and is a slope opening, operating the War Creek seam, which has an average thickness of 40 inches, with a good roof, except in some few sections. Drainage good. Doors and stoppings good. Ventilation furnished by an 8-foot Sirocco fan is good. A very small amount of explosive gas is generated, with the mine in a naturally good damp condition. Coal is pick mined and hauled by mules and electric motors.
JAS. GRANGER, *Superintendent.* CHAS. STEPHENSON, *Mine Foreman.*

FLANAGAN COAL COMPANY.

RODERFIELD.

No. 1244. *Flanagan No. 1.*—This mine is located on Spice Creek branch of the N. & W. Ry., one mile from Roderfield, and is a drift opening, operating the War Creek seam, which is very irregular, with an average thickness of 60 inches, and good sandstone roof. Doors and stoppings in fair condition. Ventilation is produced by a 5-ft. disc fan, which makes ample ventilation if properly conducted. Coal is mined with picks and electric chain machine, and hauled by mules and a rope haul. Some sections of the mine are inclined to be very dry, while other sections are wet. There has been no explosive gas detected in this mine, but it should be watched as the War Creek seam is generally known to liberate explosive gas. Mine law generally well complied with. This mine has been idle during the latter part of the year.
J. H. MANLEY, *Superintendent.* J. F. BUTLER, *Mine Foreman*

FLANAGAN COAL COMPANY.

RODERFIELD.

No. 1245. *No. 2.*—This mine is located on Spice Creek, near Roderfield, and is a drift opening, operating the Sewell seam, which has an average thickness of 4 feet. Ventilation produced by a 7-foot fan is good. Doors and stoppings in good condition. This mine is free from explosive gas, and is naturally damp. The coal is undercut by pick mining, is hauled by mules and the mine is producing 400 tons of coal per day.
JOHN BUTLER, *Mine Foreman and Superintendent.*

HENRIETTA POCAHONTAS COAL COMPANY.

BARTLEY.

No. 1246. *Henrietta.*—This mine is located at Bartley, on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the Sewell seam, which has an average thickness of three feet with a good roof. Doors and stoppings fair. Ventilation produced by a 4-foot disc fan driven by a gasoline engine is good. No explosive gas is generated and the mine is naturally wet. Coal is pick mined and hauled by mules and a 4-ton gasoline motor.

J. W. STRICKLER, *Superintendent and Mine Foreman.*

J. B. B. COAL COMPANY.

TWIN BRANCH.

No. 1247. *No. 1.*—This mine is located at Twin Branch, on the main line of the N. & W. Ry., and is a drift opening, operating the Davy or Sewell seam, which has an average thickness of about 40 inches. This roof is bad in some sections. Drainage in some sections is bad. Stoppings good. The ventilation produced by a 12-foot fan, is only fair on account of there being too many trap doors in the mine. This mine has been closed down the greater part of the past year. Mine naturally wet. No explosive gas generated. Coal is mined by both pick and compressed air pumping machines, and hauled by mules and electric motors.

C. L. BIDDISON, *Superintendent.* R. G. STUART, *Mine Foreman.*

J. B. B. COAL COMPANY.

TWIN BRANCH.

No. 1248. *No. 2.*—This mine is located at Twin Branch, on the N. & W. Ry., and is a drift opening, operating the Davy or Sewell seam of coal, which has an average thickness of 3 ft., with a good roof. Drainage good. Doors and stoppings only fair. Ventilation produced by an 8-foot fan is fair. In the early part of the year the ventilation was very poor in this mine on account of poor doors and stoppings. During the latter part of the year this mine was placed in good condition by rebuilding stoppings and doors, thus improving the ventilation generally. Mine is generally damp, no explosive gas generated. Coal is mined with hand picks and compressed air pumping machines. Hauled by mules and motors. Mine law generally well complied with.

C. L. BIDDISON, *Superintendent.* R. G. STUART, *Mine Foreman.*

J. B. B. COAL COMPANY.

TWIN BRANCH.

No. 1249. *No. 3.*—This mine is located at Hensley, on the main line of the N. & W. railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of three feet, with a good roof. Ventilation at the working face only fair. Drainage fair. Doors and stoppings fair. No explosive gas is generated. The mine is damp throughout with the exception of the main haulway, which is dusty. The coal is mined by picks and hauled with mules and electric locomotives.

C. L. BIDDISON, *Superintendent.* T. P. MELVIN, *Mine Foreman.*

J. B. B. COAL COMPANY.

TWIN BRANCH.

No. 1250. *Nos. 4 & 5.*—These mines are located on the main line of the N. & W. Ry., and are drift openings, operating the Davy or Sewell seam, which has an average thickness of 42 inches, with a roof that is bad in some sections. In the first part of the year these two mines were found to be in very poor condition generally, but through recommendations of the inspector and the co-operation of Mr. Biddison, Superintendent, the mines were put in good condition throughout. Ventilation, produced by two 10 ft. Stine fans, is good. The mines are generally damp, and no explosive gas is generated. Mining is done by pick and compressed air punching and electric chain machines, and hauled by mules and electric motors. Mine law generally well complied with.

C. L. BIDDISON, *Superintendent.* R. G. STUART, *Mine Foreman.*

JOHNS BRANCH COAL COMPANY.

WAR.

No. 1251. *Johns Branch*—This mine is located at War, on the Dry Fork branch of the N. & W. Railway, and is a drift opening, operating the War Creek seam, which has an average thickness of three feet, with a good top. Ventilation produced by a furnace, fair. Doors and stoppings fair. No explosive gas is generated, and the mine is naturally damp. This is a small mine, working pillar work entirely, with an average output of about two hundred tons per day. The mining law is being complied with.

H. M. MYERS, *Manager.* A. C. WILLIAMS, *Mine Foreman.*
W. T. BROOKS, *Superintendent.*

LATHROP COAL COMPANY.

PANTHER.

No. 1252. *Lathrop.*—This mine is located at Panther, on the main line of the N. & W. Railway, and is a drift opening, operating the Alma seam, with an average thickness of 6 feet, and has a good top with the exception of a few places, where hill seams come in. Timbering fair. The mine is in first-class condition in other respects. The coal is undercut with electric chain machines, and hauled with electric locomotives.

W. M. LECKIE, *General Manager.* W. P. JOHNSON, *Mine Foreman.*
A. F. LECKIE, *Superintendent.*

LEX POCAHONTAS COAL COMPANY.

LEX.

No. 1253. *Lex Pocahontas.*—This mine is located at Lex, on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the Sewell seam, which has an average thickness of 30 inches, with a good roof. Doors and stoppings fair. Drainage fair. Ventilation produced by a furnace, was not found satisfactory. Mine is naturally damp, with a very small amount of explosive gas generated. Coal is pick mined and hauled by mules.

J. B. MILLER, *Superintendent.* H. W. EVANS, *Mine Foreman.*

LONE JACK COAL COMPANY.

IAEGER.

No. 1254. *Lone Jack (Formerly Columbus Pocahontas Mine.)*—This mine is located on the Dry Fork Branch of the N. & W. Ry., about three miles from Iaeger, and is a drift opening, high up on the mountain, with incline from mine to tipple. It is being operated in the Red Ash seam, which has an average thickness of 30 inches. Ventilation produced by a furnace is fairly good. Mine is naturally damp, and no explosive gas is generated.

V. T. STRICKLER, *Superintendent.* W. STRICKLER, *Mine Foreman.*

MOHAWK COAL & COKE COMPANY.

MOHAWK.

No. 1255. *Mohawk.*—This mine is located at Mohawk, on the main line of the N. & W. Railway, and is a drift opening, operating the Alma seam, which has an average thickness of 5½ feet, with a good top with the exception of a few places. The mine is free from gas and is naturally wet the year round. Ventilation at the working face is good; drainage fair; doors and stoppings fair. The coal is undercut with air punching machines, hauled to the side track with mules, and from the side track to the outside with gasoline and steam locomotives. No traveling is done on the haulway, the workmen entering the mine at a number of different openings near the working face. The mining law is being complied with.

L. E. TIERNEY, *General Manager.* W. J. HOPKINS, *Mine Foreman.*
J. L. HUDDLESTON, *Superintendent.*

NEW POCAHONTAS COAL COMPANY.

DEEGANS.

No. 1256. *New Pocahontas (formerly Pando No. 2).*—This mine is located at Deegans, on the main line of the N. & W. Ry. It is a drift opening, operating the Sewell seam, which has an average thickness of 42 inches, with a good roof. Drainage good. This mine consists of four new openings. Natural ventilation. No stoppings, and fans not installed on last examination. Mine is naturally damp and no explosive gas generated. Coal is mined by pick, and hauled from the mine by mules to a tipple at the mines, from which it is hauled in monitors to railroad tipple. On last examination this mine was being equipped with two fans and electric chain machines.

J. H. TAYLOR, *Superintendent.* J. W. LESTER, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1257. *No. 1.*—This mine is located at Berwind, on the Dry Fork Branch of the N. & W. Railroad, operating the No. 3 Pocahontas seam, which has an average thickness of four feet, with a good sandstone roof. Doors and stopping found in good condition. Ventiiation produced by a 16-foot fan is good. No explosive gas is generated, and some sections are dusty. The coal is undercut with electric chain machines and hauled by electric locomotives. The mining law is being complied with.

H. M. BERTOLETT, *General Manager.* E. L. CHATFIELD, *Mine Foreman.*
WM. BARRACKS, *Superintendent.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1258. *No. 2.*—The mine is located at Berwind, on the Dry Fork Branch of the N. & W. Railroad, operating the No. 3 Pocahontas seam, which has an average thickness of 4 feet, with a good sand stone roof. Drainage good. Ventilation is extra good. Masonry stoppings are used exclusively. The coal is undercut with electric chain machines and hauled by electric locomotives. Every precaution is taken in this mine to prevent accidents, and the mining law is being complied with in all respects.

H. M. BERTOLETT, *General Manager.* GEO. B. CASELL, *Mine Foreman.*
WM. BARRACKS, *Superintendent.* THOS. MCDERMONT, *Fire Boss.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1259. *No. 3.*—This mine is located at Canebrake, on the Dry Fork Branch of the N. & W. Railroad, and is a drift opening, operating the No. 3 Pocahontas seam, which has an average thickness of four feet, with a good sandstone roof. Drainage good. Stoppings and overcasts in good condition. Doors only fair at the time of inspection. Ventilation produced by an 8-foot fan is good at the working face. Some sections of the mine were found very dusty, but no explosive gas generated. The coal is undercut by electric chain machines, and hauled by electric locomotives. The mining law in other respects is being complied with.

H. M. BERTOLETT, *General Manager.* C. W. TODD, *Mine Foreman.*
WM. BARRACKS, *Superintendent.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1260. *No. 4.*—This mine is located on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the No. 3 Pocahontas seam, which has an average thickness of 53 inches, with a fair roof. Drainage good. Ventilation produced by a non-reversible fan, is good. Doors and stoppings good. Mine is dry in some sections with no explosive gas generated. Coal is undercut with electric chain machines and gathered and hauled by electric motors.

W. M. BARRACKS, *Superintendent.* J. J. REYNOLDS, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1261. *No. 5.*—This mine is located on the Dry Fork Branch of the N. & W. Ry., and is a drift opening, operating the No. 3 Pocahontas seam, which has an average thickness of 54 inches, with a good roof. Drainage good. Ventilation produced by a fan, is good. Doors and stoppings good. Coal is undercut with electric chain machines and gathered and hauled by motors. Mine is naturally damp and no explosive gas is generated.

W. M. BARRICK, *Superintendent.* J. BAILEY, *Mine Foreman.*

PANTHER COAL COMPANY.

DOUGLAS.

No. 1262. *Panther.*—This mine is located at Douglas, on the main line of the N. & W. Railway, and is a drift opening, operating the Alma seam, which has an average thickness of 5 feet, with a good top. Ventilation at the working face fair. Breakthroughs not up to the requirements of the law. Doors are only fair. Electric wires not protected. At the time of the inspection the mine foreman was removed by the Coal Company for not having the mine in better condition. The coal is overcut by Jeffrey Archwall machines, and hauled by electric locomotives.

W. M. LECKIE, *General Manager.* C. E. SMITH, *Mine Foreman.*
A. F. LECKIE, *Superintendent.*

POCAHONTAS DOMESTIC COAL COMPANY.

WAR.

No. 1263. *Scorpion.*—This mine is located at War, on the Dry Fork Branch of the N. & W. Railway, and is a drift opening, operating the War Creek seam, which has an average thickness of four feet, with a good roof. Ventilation at the working face is good. Stoppings good, doors fair. The coal is undercut with Goodman short wall machines, and hauled by electric locomotives. The mining law in other respects is being well complied with.

J. D. NASH, *Superintendent.* WARFIELD STRICKLER, *Mine Foreman.*

PREMIER POCAHONTAS COLLIERY COMPANY.

PREMIER.

No. 1264. *No. 1.*—This mine is located at Premier, on the Spice Creek Branch of the N. & W. Railroad, operating the Sewell seam, which has an average thickness of 42 inches. The roof in some sections of the mine is bad and requires careful timbering. Doors and stoppings are in good condition. Ventilation produced by a 7-foot fan is good. No explosive gas is generated and the mine is naturally damp. The coal is mined with picks and hauled by electric locomotive. The only dangerous practice in this mine is the use of high voltage.

FRANK P. HARMAN, *President.* J. D. JOHNSTON, *Mine Foreman.*
and General Manager.
J. C. SAUNDERS, *Superintendent.*

PREMIER POCAHONTAS COLLIERY COMPANY.

PREMIER.

No. 1265. *Nos. 2, & 2 1-2.*—This mine is located at Premier, on Spice Creek Branch of the N. & W. Railway, operating the Sewell seam, which has an average thickness of 4 feet. Doors and stoppings in good condition. Ventilation furnished by a 7-foot fan is good. No gas is liberated and the mine is naturally damp. The coal is mined entirely by pick, and hauled by electric locomotive. The air way is in good condition. The mining law is being complied with in every respect.

FRANK P. HARMAN, *President and General Manager.* H. W. GONNIE, *Mine Foreman.*
J. C. SAUNDERS, *Superintendent.*

PREMIER POCAHONTAS COLLIERY COMPANY.

PREMIER.

No. 1266. *No. 3.*—This mine is located at Premier, on the Spice Creek Branch of the N. & W. Railroad, operating the Sewell seam, which has an average thickness of 52 inches. The roof in some sections of the mine is bad, and requires careful timbering. Drainage good. Doors and stoppings in first-class condition. No explosive gas is generated, and the mine is naturally damp. Pick mining is carried on exclusively, and hauling is done by electric locomotive. Entries and traveling ways are in good condition. The only dangerous practice in this mine is the use of high voltage.

FRANK P. HARMAN, *President and General Manager.* J. M. RING, *Mine Foreman.*
J. C. SAUNDERS, *Superintendent.*

PREMIER POCAHONTAS COLLIERY COMPANY.

PREMIER.

No. 1267. *No. 4.*—This mine is located at Premier, on the Spice Creek Branch of the N. & W. Railroad, operating the Sewell seam, which has an average thickness in this mine of 46 inches. The roof in some sections of the mine is bad. Traveling ways in good condition. Doors and stoppings in good condition. No explosive gas is generated and the mine is naturally damp. Pick mining is carried on exclusively, and hauling is done by electric locomotive. The only dangerous practice in this mine is the use of high voltage.

FRANK P. HARMAN, *President and General Manager.* T. A. LEWIS, *Mine Foreman.*
J. C. SAUNDERS, *Superintendent.*

SOLVAY COLLIERY COMPANY.

BIG SANDY.

No. 1268. *Big Sandy.*—This mine is located on the main line of the N. & W. Railroad, at Big Sandy, and is a drift opening, operating the Sewell seam, which has an average thickness of 44 inches, with a good roof. Ventilation at the working face good. Stoppings good. Doors fair. Drainage fair. No explosive gas is generated. The coal is undercut with hand picks, and hauled by mules and electric locomotives. During the year four new gathering motors have been installed. The mining law in other respects is being complied with.

CHAS. W. CONNER, *Superintendent.* J. R. BOOTH, *Mine Foreman.*

SOLVAY COLLIERY COMPANY.

MARYTOWN.

No. 1269. *Marytown.*—This mine is located at Marytown, on the main line of the N.&W. Railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of 46 inches, with a good roof. Stoppings on the main entry are good.

Doors fair. System of timbering fair. Ventilation produced by a five-foot. Robinson fan. No explosive gas is generated, and the mine is always damp. Drainage only fair. The coal is undercut with hand picks and hauled by mules and electric locomotives.

CHAS. W. CONNERS, *Superintendent.* B. D. WALTERS, *Mine Foreman.*

SUPERIOR POCAHONTAS COAL COMPANY.

DAVY.

No. 1270. *Blackstone or No. 1.*—This mine is located at Davy on the main line of the N. & W. Ry., and is a drift opening, operating Sewell seam, which has an average thickness of 42 inches, with a fair roof. Doors and stoppings fair. Practically all the work being done in this mine is extracting pillars. Drainage good. Ventilation furnished by a disc fan, is good. No explosive gas liberated and mine generally wet. Coal is pick mined and hauled by mules and electric motors.

F. M. COOK, *Superintendent.* FRANK WRIGHT, *Mine Foreman.*

SUPERIOR POCAHONTAS COAL COMPANY.

DAVY.

No. 1271. *Cletus No. 4.*—This mine is located at Davy, on the main line of the N. & W. Ry., and is a drift opening, operating the Sewell seam, which has an average thickness of 34 inches, with a good roof. Ventilation produced by a fan is good. Stoppings good. Drainage good. Mine is naturally moist and no explosive gas is generated. Coal is undercut with electric chain machines and hauled by electric motors.

J. D. SWIM, *Mine Foreman.* F. M. COOK, *Superintendent.*

SUPERIOR POCAHONTAS COAL COMPANY.

DAVY.

No. 1272. *Davy Crockett or No. 2.*—This mine is located at Davy, on the main line of the N. & W. Railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of 36 inches, the roof of which requires careful timbering. At the time of inspection timbering was found in fair condition and dust allowed to accumulate on the haulways. Ventilation furnished by a 7-foot fan is good. The coal is undercut with picks and hauled by mules and electric locomotives. No explosive gas is generated. The mine has an average output of 500 tons per day. The mine law is being complied with, with the exception of timbering, and dust accumulations on the haulway.

GEO. WOLF, *General Superintendent.* MILTON KLINE, *Mine Foreman.*
H. L. HUBBARD, *Superintendent.*

SUPERIOR POCAHONTAS COAL COMPANY.

DAVY.

No. 1273. *Helena No. 3.*—This mine is located at Davy, on the main line of the N. & W. Ry., and is a drift opening, operating the Sewell seam, which has an average thickness of 32 inches, with a good roof. Doors and stoppings in good condition. Ventilation produced by a 6-foot disc fan, is good. Drainage good. No explosive gas is liberated, and the mine is generally damp. Coal is pick mined and hauled by mules and electric motors. Mine law generally well complied with.

F. M. COOK, *Superintendent.* H. L. HUBBARD, *Mine Foreman.*

VAUGHN CONSTRUCTION COMPANY.

RODERFIELD.

No. 1274. *Vaughn.*—This mine is located near Roderfield, on the main line of the N. & W. Railroad, and is a drift opening, operating the Sewell seam, which has an average thickness of about 4 feet, with a good roof. Ventilation at the working face good. Stoppings and air-ways in good condition. Doors fair. Some sections dusty, but no explosive gas generated. The coal is undercut with hand picks, and hauled by mules and electric locomotives. The mining law in other respects is being complied with.

A. M. MARYE, *Superintendent.* J. R. GARVETT, *Mine Foreman.*

WAR CREEK COAL COMPANY.

WAR.

No. 1275. *War Creek.*—This mine is located at War, on the Dry Fork Branch of the N. & W. Railroad, and is a drift opening, operating the War Creek seam of coal, which has an average thickness of three and one-half feet. Ventilation produced by a furnace is not sufficient to meet the requirements of the law, and it has been recommended that a fan be installed within 60 days. The coal is undercut by picks and hauled by mules. The mining law in other respects is being complied with.

H. M. MEYERS, *Manager.* R. H. WILLIAMS, *Mine Foreman.*
W. T. BROOKS, *Superintendent.*

WARRIOR COAL COMPANY.

WAR.

No. 1276. *Warrior.*—This mine is located at War, on the Dry Fork Branch of the N. & W. Railway, and is a drift opening, operating the War Creek seam, which has an average thickness of six feet, with a good roof, except in a few places. Ventilation at the working face is good. Stoppings good. Doors fair. Drainage good. No explosive gas is liberated, and the mine is naturally wet. The coal is cut in the center by mounted machines, and hauled by electric locomotives. This is a new mine, and they have erected a new first-class tipple, equipped to handle fifteen hundred tons of coal per day.

W. T. WILLIAMS, *Superintendent.* G. D. DAVIDSON, *Mine Foreman.*

YUKON POCAHONTAS COAL COMPANY.

YUKON.

No. 1277. *Yukon No. 1.*—This mine is located at Yukon, on the Dry Fork Branch of the N. & W. Railroad, and is a drift opening, operating the War Creek seam, which has an average thickness of 5 feet, with a good roof. Drainage is good. Doors fair. Stoppings on the main entry are all concrete. Ventilation produced by a 10-foot disc fan, is good for the present development. The Company is making arrangements to install a large centrifugal fan, to take care of future development. The coal is undercut by Goodman Shortwall machines, and hauled by electric locomotives. The mining law in other respects is being complied with.

H. M. MEYERS, *General Manager.* JESSIE JARVIS, *Mine Foreman.*
A. J. MOONEY, *Superintendent.* E. X. JONES, *Fire Boss.*

YUKON POCAHONTAS COAL COMPANY.

YUKON.

No. 1278. *No. 2.*—This mine is located at Yukon, on the Dry Fork Branch of the N. & W. Railway, and is a drift opening, operating the War Creek seam, which has an average thickness of three and one-half feet, with a good top. Ventilation at the working face good. Doors and stoppings good. Drainage good. The coal is undercut by picks, and hauled by mules, and an electric hoist. The mining law is being complied with in other respects.

H. M. MEYERS, *Manager.* T. J. REYNOLDS, *Mine Foreman.*

WAYNE COUNTY.

EAST LYNN COAL COMPANY.

EAST LYNN.

No. 1279. *East Lynn.*—This mine is located at East Lynn and is a drift opening, operating the Coalburg seam, which has an average thickness of 54 inches, with a fairly good roof. Ventilation is produced by a 5-foot Stine fan, on the new side of the mine, and by a furnace on the old side. Ventilation produced by the furnace is not good. The mine is wet, but no explosive gas generated. Coal is undercut with electric chain machines, and hauled by mules and electric locomotives. The mine law in other respects is being complied with.
A. J. PERRY, *Superintendent and General Manager.* OKEY LOYD, *Mine Foreman.*

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